

NATIONAL INSTITUTE OF TECHNOLOGY SILCHAR

Silchar – 788 010 (ASSAM)

No: NITS-PS-579-CSE-Equipment-18

Date: 21/03/2018

NOTICE INVITING TENDER

FOR SUPPLY AND INSTALLATION OF EQUIPMENT FOR CSE DEPARTMENT

AT NIT SILCHAR



LAST DATE & TIME OF SUBMISSION : 17/04/2018 up-to 01.00 PM

DATE & TIME OF OPENING : 17/04/2018 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-579-CSE-EQUIPMENT-18

Sealed Tender/Quotations are invited from reputed Firms/Agencies/Manufacturer/Authorized Dealer **FOR SUPPLY AND INSTALLATION OF EQUIPMENT FOR CSE 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 at the time of return.

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-788010, Payable at Silchar. The last date and time for submission of Tender document will be **17/04/2018** up to **01.00PM** and tender will be opened on the same date at **03.30 PM** in office of HOD, CSE Dept., NIT SILCHAR.

The offers without Cost of Tender & Earnest Money Deposit (EMD) shall be out rightly be 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, Cachar, Assam
Email : purchasecell.nits@gmail.com

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
- "QUOTATION FOR SUPPLY & INSTALLATION OFFOR
..... NIT SILCHAR.
- 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].

- **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.
- **No Part Delivery**: Part shipment for any items will not be allowed.
- **Any Optional item quoted by the supplier will not be entertained.**
- **Termination for default** : Default is said to have occurred -
- 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 equipment manufacturer (OEM) in the business of manufacture or supply of equipment for minimum 3-5 years. The firm should submit audited financial statements for latest three financial years in support of this claim.
3. The items being quoted should be of Original Manufacturer and no non-standard item should be quoted. All detailed specifications with make & model no. of the items accompanied by proper leaflets 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 and supplied equipment, 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 -788010, Assam inclusive of packing, forwarding etc. Octroi, surcharge, insurance, Installation, Demonstration 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. Nothing extra will be paid by the Institution. If there is any increase / decrease of statutory taxes will be reimbursed accordingly.
7. **Payment: Payment 100% shall be made only after receipt of ordered items as per specification and quantity and after successful installation, demonstration, training (where applicable) and commissioning.**
 - **In connections to foreign items Payment shall be made 90% through irrevocable Letter of Credit and 10% after receipt of ordered items as per specification and quantity and after successful installation, demonstration, training (where applicable) and commissioning.**
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 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.
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, demonstration and 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 shall be incorporated in the purchase order.
- b) Normal commercial warranty/guarantee 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, or any other document as required/demand.

22. **Acknowledgement of the Purchase Order:** The supplier shall give an acknowledgement of the Purchase Order within 15(fifteen) days of the date of the Purchase Order. In case, the supplier fails to acknowledge the Purchase Order 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 30(thirty) days OR as per terms and condition of 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 @10% (as per Purchase Order) 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

DECLARATION

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 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 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 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:

Annexure-A

Sr. No.	Item Description	Specification		Qty.
1	High End Workstation	Processors	Intel® Xeon® processor E5-2600	6
		Operating System	Windows® 7 Ultimate 64-Bit	
		Chipset	Intel® C600 series	
		Motherboard	Intel original or OEM (no third party)	
		Form Factor	Mid Tower	
		Memory Slots	Min 8 nos.	
		Memory	32 GB RAM	
		Optical Drive	5.25" device: DVD+/-RW	
		Graphics	NVIDIA® Quadro® 6000	
		GPU	Two NVIDIA Tesla® C2075 GPGPU, 12 GB GPU Memory	
		Storage	2TB SATA 7200RPM	
		Audio Controller	Integrated Realtek ALC269Q High Definition Audio	
		I/O Ports	Internal:USB 2.0, SATA 6.0Gb/s, External USB 3.0, Microphone, headphone	
		Monitor	22" LED	
		2	High Resolution Projector	
Supported Resolution	N/A			
Projection Lens	Manual Focus & 1.6 x Optical zoom F-number =1.75 - 2.42 1 Focal Length = 24.0 - 38.2mm			
Lamp Type	230W UHE			
Keystone Correction	VERTICAL: Yes (Auto 1 Manual) HORIZONTAL: N/A			

		Brightness (White and Colour)	Normal Mode: White Light Output 4000 lumens, Colour Light Output 4000 lumens Eco Mode: White Light Output 2700 lumens, Colour Light Output 2700 lumens	
		Contrast Ratio	2000:1	
		Sound Output	10W Monaural	
		Operating Temperature	5°C to 35°C <41°F to 95°F>	
		Dimensions (Including Lens and Feet)	257(0) x 357(W) x 86(H)mm (excludes feet)	
		Weight	Approx. 7.54lbs. 13.4kg	
		Fan Noise	37dB /129dB	
3	Multi-Function Color Printer	Function	Print, scan, copy	1
		Optical Resolution	600 x 1200 dpi	
		capability	Fax and ADF	
		Display	2-line LCD (text)	
		Energy	Energy Star quality	
		printing	Automatic Duplex	
		Printing specifications	Up to 1200X1200	
		Connectivity	USB 2.0, Ethernet & Wi-Fi Direct	
		Paper handling	250-sheet input, 150 sheet output,media size A4	
		Print speed	Up to 35 ppm	
		Scanner	Flatbed, ADF, 4800dpi, 24bit	
4	High Resolution Document & Photo Scanner	Scanner Type	Flatbed	1
		Optical Resolution	6400x9600 dpi	
		Sensor Type	CCD	
		Light Source	White LED	
		Max. Resolution	12800 dpi	
		Pixel Depth (In/Out)	48 bits input, 48 bits output	
		Digital ICE	Yes	
		Film Scan	Yes	
		Black	1.8msec/line	
		Colour	1.8msec/line	
5	Multi spectral fingerprint scanner	Technology	Patented optical multispectral imaging	2
		Image resolution	500 dpi	
		Image bit depth	8bit, 256 grayscale	
		Imaging area	17.4 x 13.9 mm (rectangular)	

		Image out	ANSI 381 compliant	
		Template out	ANSI 378 compliant	
		Score or verification (1:1)	Requires ANSI 378 template input	
		Identification (1:N)	Uses ANSI 378 template as an input	
		Template storage	Up to 50,000 in verification mode	
		Liveness detection	Standard	
		Latent protection	Included	
		Image capture	150 ms (typical)	
		Finger placement to image	1.3 sec. (typical)	
		Finger placement to template or score	1.8 sec. (typical)	
		Finger placement to identification	2.0 sec (typical) - 1,000 users.	
		Temperature (operating)	0 to 60°C	
		Humidity	0-95% RH non-condensing	
		ESD Immunity	IEC 61000-4-2 Level 4+/-15 kV Air	
		USB 2.0	480 Mbps high-speed USB	
		Supply current - idle	5 VDC 200mA (typical)	
		Standards compliance	Compliant with IAFIS- IQS regulations	
		Interoperability	ANSI 378, ISO 19794-2:2005, ANSI 381, ISO 19794-4:2005, NFIQ compliant, MINEX-certified algorithm	
		Device certifications	CE, CSA	
		Operating systems	Microsoft ® Windows CE / XP / 7; Linux	
		SDK - Multi-spectral Fingerprint Reader	Image Capture, Image Match, Save Capture Data, Image Capture, 1:N Verification, ISO Image Conversion, NFIQ Quality	5
6	HD Network Camera	Image Sensor	1/2.5" 5MP Progressive Scan CMOS	2
		Min. Illumination	Color: 0.5Lux @(F1.2, AGC ON)	

Electronic Shutter Speed	1/25(1/30) s to 1/100,000 s
Lens Mount	CICS Mount
Auto Iris Lens	DC Drive
Day & Night	ICR filter Auto switch
Max. Image Resolution	2560x1920
Frame Rate	8fps(2560× 1920), 15fps(2048x 1536), 30fps(1920x 1080) 30fps(1280x960), 30fps(1280x720), 30fps(704x576)
Image Parameter	Saturation/Brightness/Contrast adjustable through web browser or client software
Video Compression	H.264/MJPEG/MPEG-4
Video Bit Rate	256Kbps-8Mbps (CBR/NBR adjustable)
Audio Compression	G .711
Audio Input	1 channel 3.5mm audio Input interface
Audio Output	1 channel 3.5mm audio Output interface (line level, 600 Ohm)
Communication	1 RJ45 1 OM/1 OOM Ethernet port and 1 RS-485 interface (Wi-Fi optional)
Alarm Input	1 channel
Alarm Output	1 channel
Video Output	1Vp-p Composite Output (75Q/BNC)
Storage	Support SD/SDHC Local Storage
Intelligent Alarm	Motion detection, Network disconnect, External alarm input, Audio trigger etc
System Compatibility	ONVIF/PSIA
Network Protocols	TCP/IP,UDP,RTP,RTSP,RTCP,HTTP,DNS,DDNS,DHCP,FTP,N TP,SMTP,UPNP etc
Wi-Fi	Support WEP,WPA WPA2 Encryption Protocol
General Functions	Reset button, Anti-flicker, Dual Stream, Password Protection, Watermark
Advanced Functions	Motion detection, Mask privacy, Backlight compensation, 2D Noise Reduction
Working Temperature	-10C to 60C

		Working Humidity	0-90%(non-condensing)	
		Power Supply	DC12V±10% I PoE	
		Power Consumption	4.5W, MAXW: 5W MAX	
		Dimensions	116*62*50mm	
7	DSLR Camera	Type	Single-lens reflex digital camera	1
		Effective angle of view	Approx. 1.5x lens focal length (35 mm format equivalent)	
		Lens aperture	Instant return, electronically controlled	
		Effective pixels	24.2 million	
		Exposure meter coupling	CPU	
		Image sensor	23.2 x 15.4 mm CMOS sensor	
		Dust-reduction System	Image sensor cleaning, Image Dust Off reference data	
		Monitor	7.5-cm/3-in	
		Media	SO (Secure Digital) and UHS-I compliant SDHC and SDXC memory cards	
		Audio recording format	Linear PCM	
		Video compression	H.264/MPEG-4 Advanced Video Coding	
		Video output	NTSC, PAL	
		HDMIoutput	Type C mini-pin HDMI connector	
		AC adapter	EH-5b AC Adapter	
		Tripod socket	114 in. (ISO 1222)	
		Temperature	o to 40°C/32 to 104°F	
Humidity	Less than 85%			
Camera Stand	Included			
8	Camera Stand			1