



NATIONAL INSTITUTE OF TECHNOLOGY SIKKIM

INVITATION OF TENDERS/BIDS

Ravangla Campus, Barfung, South Sikkim 77139

www.nitsikkim.ac.in/

Tender No: 37/NITS /Works/ICTI-PURCHASE/2017-18/Tender-01, Date: 20/03/2017

**SUPPLY & INSTALLATION OF DESKTOPS, PRINTERS, PROJECTORS AND LAPTOPS AT
NIT SIKKIM**

TENDER SUMMARY			
Bid System	Two Bid Open Tender		
Closing Date & Time for submission of bid	5 th May, 2017, 5:00PM		
Opening Date & Time of technical bid (TENTATIVE)	12 th May, 2017, 11:00 AM (Opening Date & Time of price bid will be informed later <i>only to Technically qualified bidders.</i>)		
Place of opening of bid	ICT Room, National Institute of Technology Sikkim, Ravangla Campus, Barfung, South Sikkim, 737139		
Bid should be addressed to	FIICTI, National Institute of Technology Sikkim Ravangla Campus, Barfung Block, South Sikkim 737139.		
Tender Fees	Rs. 1000/- (Rupees One Thousand, in the form of a Demand Draft drawn in favour of "DIRECTOR, NIT Sikkim" payable at Ravangla, South Sikkim)		
Earnest Money Deposit (EMD)	Sl. No.	Item	EMD Value (₹)
	1	Desktop	₹ 1,10,000/-
	2	All in One Printer	₹ 25,000/-
	3	Projector	₹ 15,000/-
	4	Laptop	₹ 25,000/-
The EMD as mention in the above table should be made 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 45 days beyond the final bid validity period.			

National Institute of Technology (NIT) Sikkim, Ravangla, South Sikkim invites sealed tenders from reputed manufacturers or their authorized Indian Agents/representatives, on the terms and conditions as per tender document, for procurement of following item(s):

Sl. No.	Brief description of Items	Quantity	Installation required, if any	Place of Delivery
1	Desktop (CPU+ Monitor + Keyboard + Mouse, detailed specification is attached as Annexure-A)	60 Set	Yes	NIT Sikkim
2	All in One Printer (detailed specification is attached as Annexure-B)	25 nos	NA	
3	Projector (detailed specification is attached as Annexure-C)	10 nos	NA	
4	Laptop (detailed specification is attached as Annexure-D)	15 nos	Yes	

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 Institute reserves the right to accept or reject any quotations or to select the item or to reject the bidding process or any quotation wholly or partly without assigning any reason. Incomplete tenders, amendments and additions to tender after opening or late tenders are liable to be ignored and rejected.

Instructions to Bidders

1. The respective EMD as per items mentioned above and Tender fee should be enclosed in the form of A/C payee DD in favours of **“Director, NIT Sikkim”** payable at Ravangla. If the successful bidder fails to supply the goods/equipments within stipulated time, then the EMD may be forfeited. **A bidder may participate fully or partially** (accordingly total EMD amount have to be enclosed in the form of single or multiple DDs).
2. The EMD, technical and financial bids should be sent separately and put in different sealed envelopes marked **“EMD”, “Technical bid”** and **“Financial bid”** as applicable **for each group of items** and are to be put in separate envelopes, which should be properly sealed. The bid should include the cost of main equipment/item and its accessories (if any). If there is any separate cost for installation, warranty extension etc. that should be quoted. **The bidder should also mention the make and model number of the items.**
3. All the sealed quotations shall be submitted in a sealed envelope duly marked **“Tender reference no: 37/NITS /Works/ICTI-PURCHASE/2017-18/Tender-01, Date: 20.03.2017”** due on 05.05.2017 on the corner of the envelope along with the full address and contact details of the bidder.
4. The Final Prices quoted should be inclusive of all taxes or duties, packing, forwarding, freight, insurance, delivery and commissioning etc. at the destination site (NIT Sikkim, Ravangla, Sikkim). **Nothing extra shall be paid on any account. E Cess payable to Govt of Sikkim should be quoted in the Bid at the rate of 1% of the value. If e cess is not quoted separately, it shall be assumed that the price quoted includes E cess.**
5. The printed literature and catalogue/brochure giving full technical details should be included to verify the specifications quoted in the tender. The final amount should be in figures as well as in words. If there are overwriting, they should be duly initialled, failing which the bids are liable to be rejected. No alternate price will be entertained in the quotation.
6. All tender documents should have to be sent through courier, speed post or registered post only or may be dropped in the tender box at NIT Sikkim. Since, NIT Sikkim is located in a remote location, even through speed post it may take seven days. Therefore, bidders are suggested to send the quotation well in advance or by hand.
7. Quotation received after the closing date/time will not be considered.
8. The supplier/firm must be either original equipment manufacturer (OEM) or authorized dealer/sole distributor of quoted items. The certificate or equivalent document must be attached/communicated.
9. 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”**, who may decide the matter himself.
10. All tenders in which any of the prescribed conditions is not fulfilled or any condition is put forth by the tenderer shall be summarily rejected.
11. Successful bidder shall have to deposit a performance security of 10% for the period covered under warranty of the item(s). The Performance security can be in the form of a Commercial bank Guarantee or Retention money deducted from the gross payment to the supplier. If it is not submitted then 10% of the total payment will be kept for specified period.
12. The bid will be opened on **12th May, 2017**. 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.

13. **Clarifications:** Normally, pre-bid enquiries will not be entertained. However, in case the bidder requires any clarification regarding the tender documents, they are requested to contact Mr. Pankaj Kesarwani, Assistant Professor, NIT Sikkim (e-mail: pankaj.keserwani@gmail.com, pankajkeserwani.cse@nitsikkim.ac.in) on or before **25.04.2017**.
14. **Pre – Qualification Criteria:**
- Bidders 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.
 - An undertaking from the OEM is required stating that they would facilitate the bidder on a regular basis with technology/product updates and extend support for the warranty as well. In case of proprietary items, suitable declaration documents from the manufacturer to be submitted.
 - Bidders must be a registered computer/electronics item supplier.
15. **Evaluation: The bids for various items shall be evaluated individually and partial orders may be placed as per the discretion of the institute.**
16. **Validity:** The bid should be valid for acceptance for a period of 60 Days. The Bidders should be ready to extend the validity, if required.
17. **Delivery:** The Equipment should be delivered and installed within the period as specified in the purchase order and be ready for use within 70 days of the issue of purchase order unless otherwise prescribed.
18. **Liquidated Damage:** If the bidder fails to deliver and place any or all the Equipment or perform the service by the specified date, penalty at the rate of 1% per week of the total order value subject to the maximum of 10% of total order value will be deducted.
19. **Warranty:** The period for which the warranty shall be in force should be mentioned by the bidder exclusively. Bidders must give the comprehensive onsite warranty as required 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, 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 their own cost.

FICTI
National Institute of Technology Sikkim
Ravangla Campus, Barfung Block,
South Sikkim 737139.

Annexure A**Technical specification for Desktop Set (CPU + Monitor + Keyboard + Mouse)**

Unit 1	Processor	Intel® 6th Generation Core i7 Quad Core CPU with minimum clock speed of 3.4 GHz, 8MB Cache or better
	Chipset	Intel® Q Series commercial chipset
	Motherboard	OEM Motherboard with OEM logo emossed on the motherboard
	Memory	8 GB DDR4 RAM expandable to 64GB; Four DIMM slots; Non-ECC dual-channel upto 2133 MT/s DDR4 SDRAM
	Hard Disk Drive	1TB HDD, 7200 RPM, SATA III 6 Gbps, SMART IV
	Optical Drive	SuperMulti DVD Writer
	Graphics	Integrated Graphics
	Audio	High Definition Integrated Audio with Internal Speaker
	Ethernet	Integrated Gigabit (10/100/1000 NIC) LAN
	Slots	Minimum 4 low profile PCI/PCIe Slots (3 x PCIex1 and 1 x PCIex16)
	Bays	Minimum 5 bays with atleast (2) 3.5" Drive bays & (1) ODD bay
	Ports	Front I/O (2) USB 2.0 ports, (2) USB 3.0 Ports 3.5mm headphone output and microphone jack Rear I/O (2) USB 2.0 ports, (4) USB 3.0 Ports (1) VGA video port; (2) DisplayPort/DVI-D Port (1) RJ-45 network connector (1) RS-232 serial port 3.5mm audio in/out jacks (2) PS/2 keyboard and mouse ports
	Operating System	Ubuntu/Linux/Windows/Free DOS
	Diagnostic Tool	Inbuilt Pre-Boot BIOS Diagnostics
	Security	TPM 1.2 Security Chip; SATA port disablement (via BIOS); USB enable/disable (via BIOS; Optional USB Port Disable at factory (user configurable via BIOS); Removable media write/boot control; Power-On password (via BIOS); Administrator password (via BIOS); Setup password (via BIOS)
	System Weight / Volume	Weight should be no more than 8 KG and volume no more than 13L
Information Accessibility	Product details, specifications and brochure to be available in public domain	
Support	Drivers should be available for download from OEM site for at least 3 years from the date of purchase order	
Market Credibility	The OEM vendor should be of positive net worth for the last three years	
Warranty	3 Years Comprehensive Warranty for Parts, Labour and On-site service (3-3-3)	
Unit 2	Keyboard & Mouse	PS/2 104 keys keyboard (Same make as PC) PS/2 2 Button Scroll Mouse (Same make as PC)
Unit 3	Monitor	19.5" or higher IPS Panel LED backlit with TCO 7.0

Annexure B

Technical specification for Printer	
All in One functions	Print, scan, copy and fax; AiO multitasking supported: Yes (Easy-access USB port, Built-in wireless networking, Duplex)
<i>Print</i>	
Duplex print options	Automatic (standard)
Print speed	Normal, A4: Up to 25 ppm; Normal, letter: Up to 26 ppm; Duplex (A4): Up to 15 ipm; Duplex (letter): Up to 16 ipm
First page out	A4/letter, ready: As fast as 8 sec
Print resolution	Black (best): Up to 600 x 600 dpi; Black (normal): Up to 600 x 600 dpi
Print technology	Laser
Mobile printing	ePrint, Wireless direct printing
Standard print languages	PCL5c, PCL6, PS, PCLm, PDF
Printer management	Windows: Device Toolbox, Status Alerts (default install), SNP Alerts (minimum network install), Scan; Scan to Email Wizard; Scan to Network Folder Wizard; Fax setup Wizard; Send Fax; LockSmith; FMS; RM; Mac: Utility
<i>Scan</i>	
Scan type/technolog	Type: Flatbed, ADF; Technology: Contact Image Sensor (CIS)
Scan speed	Normal, A4: Up to 14 ppm (b&w), up to 5 ppm (colour)
Scan resolution	Hardware: Up to 300 x 300 dpi (colour and mono, ADF); Up to 600 x 600 dpi (colour, flatbed)
Scan format	JPEG, PDF, PNG
Bit depth/ Grayscale	Bit Depth: 24-bit; Grayscale: 256
<i>Copy</i>	
Copy speed	Normal, A4: Up to 25 cpm black; Normal, letter: Up to 26 cpm black
Copy resolution	Black (text): Up to 600 x 600 dpi; Black (graphics): Up to 600 x 600 dpi
Max no of copies	Up to 99 copies
Copier resize	25 to 400%
Copier settings	Up to 99 multiple copies; Collation; Reduce/Enlarge from 25% to 400%; Contrast (Lighter/Darker); Resolution (Copy quality); ID copy; Copy optimization; Auto Select
<i>Fax</i>	
Fax speed	3 sec per page

Fax resolution	Black (standard): 203 x 98 dpi; Black and white (fine) 204 x 196 dpi; Black Photo Grayscale: 300 x 300 dpi (halftone enabled); Black and white (Superfine)300 x 300 dpi (no halftone)
<i>Connectivity</i>	
Standard connectivity	Hi-Speed USB 2.0 port (host/device); built-in Fast Ethernet 10/100Base-TX network port; Phone line port (in/out), Easy-access USB port
Network ready	Standard (built-in Ethernet, WiFi 802.11b/g/n), Built-in wireless networking
Network capabilities	10/100 Ethernet
Wireless capability	Yes, built-in WiFi 802.11b/g/n
Memory	256 MB
Digital sending features	Scan to email; Scan to network folder
Processor speed	600 MHz
Duty cycle (monthly)	Up to 8,000 pages; Recommended monthly page volume: 500 to 2,000 pages
<i>Paper handling</i>	
Input	250-sheet input tray, 10-sheet priority tray, 35-sheet Automatic Document Feeder (ADF)
Output	100-sheet output bin
Media type	Paper (heavy, letterhead, light, plain, pre-printed, pre-punched, recycled, rough), envelopes, transparencies, labels, postcards
Media sizes (duplex)	A4 (Letter; Legal)
Media sizes custom	Priority Tray: 76 x 127 to 216 x 356 mm; 250-sheet Tray 2: 76 x 187 to 216 x 356 mm
Warranty features	3 years onsite standard warranty
<i>Systems</i>	
Compatible operating systems	Full software installs supported on: Windows 8.1 (32 & 64-bit), Mac OS X Lion, OS X Mountain Lion, and Mavericks; For Linux/Unix support, please refer to: .lipopensource.com/lip-web/index.html
Minimum system requirements	PC: Windows 8.1 (32 & 64-bit), Windows 8 (32 & 64-bit), Windows 7 (32 & 64-bit), Windows Vista (32 & 64-bit), Mac: OS X v 10.7 Lion; OS X v 10.8 Mountain Lion; OS X v 10.9 Mavericks; 1 GB available hard disk; Internet; USB
Display	3.0" touch screen, LCD (colour graphics)

Annexure C**Technical specification for Projector**

power supply	100-240 V AC, 50/60 Hz
Power Consumption	218 W (0.5 W when STADBY MODE set to ECO *1 6.0 W when STANDBY MODE set to NORMAL*2
Panel Size	14 mn(0.55 inches) (4.3 aspect ratio)
Display Method	DLPTM chip x 1 DPLTM system
Pixels	786,432(1,024 *768) pixels
Lens	1.1x Manual zoom (1.95-2.15:1 throw ratio), manual focus, F 2.41-2.53, f=21.8-24 mm
Lamp	190W UHM Lamp
Lamp replacement cycle (Normal/Eco 1,Eco 2/	4.500/6.000/10.000 hours*3
Screen Size	0.76-7.62 m (30-300inches, 4:3 aspect ratio)
Brightness	3000 lm
Center-to -corner uniformity	80%
Contrast	4,000:1(Full on/off) (During RGB single input. Color mode : Dynamic , Lap Power : Normal)
Resolution	1,024*768 pixels(Input signals that exceed this resolution will be converted to 1,024*768 pixels)
Optical Access Shift	10:-1.5
keystone correction range	Vertical \pm 400(manual)
Installtion	Ceiling/floor,fornt/rear
HDMI IN	HDMI 19-PIN * 1 (Deep color,compatible with HDCP) Audio signal Liner PCM (sarnpling frequency :48KHz/44.1KHz/32 KHz)
COMPUTER IN	D-sub HD 15-pin(female* 1 {RGB/YPB(CR)/PR(CR)81 }
MONITOR OUT	D-sub HD 15-pin (female)* 1
VIDEO IN	Pin jack * 1
SERIAL IN	Mini DIN 3-pin(female)* 1 for external control (RS-232C compliant)
AUDIO IN	M3 * 1 (L-R * 1)
AUDIO OUT	M3 * 1 (L-R * 1) (variable)
Built in speaker	4 cm * 2 cm Oval * 1 output power 2 W (monaural)
Cabinet Materials	Molded plastic (PC)
Noise Lavel	34db (Lamp power : Normal) : 29 db (Lamp power : Eco)
OPERATING ENVIRONMENT	Operating temperature : 50 C -400 (410 F - 1040 F)
SUPPLIED ACCESSORIES	Powercord (1.8 m) * 1 wireless remote control unit * 1, lithium coin cell battery * 1 , computer cable (1.8 m) * 1.
Warranty	36 Months

Annexure-D**Technical Specification for Laptop**

(Core i7 (6th Gen)/8 GB/1 TB/128 GB/15.6"/DOS/4 GB Graphics) (Black)

Processor	
Processor Name	Intel Core i7-6700HQ Processor (6th Generation)
Processor Speed	2.6 GHz with 3.5 GHz Turbo Boost
Number of Core	4 Cores
Processor Cache	6 MB
Processor chipset	Mobile Intel HM170 Express Chipset
Instruction Set	64-bit
Memory Bandwidth	34.1 GB/s
Number of threads	8 Threads
RAM	
RAM Included	8 GB, DDR3L SDRAM
Storage	
Hardware Interface	SATA
RPM	5400 RPM
Storage Capacity	1024 GB HDD & 128 GB SSD
Display	
Screen Size	15.6 Inches
Screen Resolution	1920 x 1080 Pixels, 141 ppi
Screen Type	Full HD anti-glare LED-backlit IPS Display
Graphic Processor	4 GB DDR3L GeForce GTX 950M
Optical Drive	
Optical Drive	Yes, Super Multi DVD burner
Platform	
Operating System	FreeDOS 2.0
Input	
Keyboard	Island-style Dual Language Keyboard
Backlit KeyBoard	Yes
General	
Weight	2.4 kg or less
Operating System	Linux and Windows 10 Professional supported
Wireless Connectivity	802.11a/b/g/n/ac (1x1) and Bluetooth® 4.0 combo (Miracast compatible)
Network interface	Integrated 10/100 BASE-T Ethernet LAN
Expansion slots	1 multi-format SD media card reader
Battery type	4-cell, 48 Wh Li-ion
Webcam	TrueVision HD Webcam (front-facing) with integrated dual array digital microphone
Warranty	3 years