

Tender for
Supply of Computer Hardware, Software & Networking and
Infrastructure Development with Electronics Equipments &
Peripheral
at Cooch Behar, WB

Tender No: NIELIT/Kol/e-Gov/14-15/05

Opening Date: 26/09/2014

Last Date of Bid Submission: 16/10/2014

Tender Paper Cost: Rs. 1,000/-

**NATIONAL INSTITUTE OF ELECTRONICS & INFORMATION
TECHNOLOGY (NIELIT), KOLKATA**

(Formerly DOEACC SOCIETY KOLKATA CENTRE)

(An Autonomous Scientific Society of the Department of Electronics & Information Technology,
Ministry of Communications & Information Technology, Govt. of India)
JADAVPUR UNIVERSITY CAMPUS, KOLKATA-700 032

Website: www.doeackol.in

(Phone: 24146081/6054

Fax: (033) 24146549,

E-mail: dir-kolkata@nielit.gov.in)

Fact Sheet for the Tender

Bid Reference	NIELIT/Kol/e-Gov/14-15/05 Date: 26/09/2014
Purpose	1. Supply of Hardware, Software & networking 2. Infrastructure Development with Electronics Equipments and Peripherals.
Cost of Tender and mode of purchase	ONLY DOWNLOADED FORM IS ALLOWED and the Tender document is available from 26/09/2014 on NIELIT Kolkata website www.doeacckol.in . The cost of downloaded Tender Document is Rs 1000/- and it must be enclosed along with Technical Bid through a separate Demand Draft in favour of "NIELIT Kolkata" payable at Kolkata
Estimated Cost	For Supply of Computer Hardwires, Software, Networking & Electronics Equipments with Lab-Set up. Total Estimated Cost: Rs. 18.00 Lakh/-only
Earnest Money Deposit	Rs. 50,000/- in the form of Demand Draft in favour of "NIELIT KOLKATA", payable at Kolkata.
Opening Date of inviting Bids	26/09/2014
Last Date of Receiving of Bids	16/10/2014 ; 1500 hours
Date and time of opening of Technical Bids	16/10/2014; 1600 hours at NIELIT Kolkata. Bidders are requested to be present in bid opening process.
Bid Validity	90 days from the last date of submission.
Address for submission of Bids	The bid is to be dropped in the Tender Box kept in the Director's room and addressed to: THE DIRECTOR NIELIT, KOLKATA JADAVPUR UNIVERSITY CAMPUS, JADAVPUR, KOLKATA – 700032
Date and Time of opening of Financial bids	22/10/2014; 1400 hours for technically qualified bidders only.
Contact Details	Mr. D. Bhadury, Chief Coordinator, e-Gov / IT for Mass NIELIT, Kolkata, Jadavpur University Campus, Kolkata-700032. Phone: 24146081/6054

Sealed tenders complete in all respect as per the instruction given herein are invited from reputed & experienced service providers to provide the services for

1. Supply of Hardware, Software & Networking
2. Infrastructure Development with Electronics Equipments and Peripherals.

The detailed information regarding scope of work and Terms and Conditions is given in the Tender Document which may be downloaded from the website www.doeacckol.in as mentioned in the Fact Sheet.

Scope of Work:

- Supply and Development of IT-Based Resource Centre with required Hardwires, Software, Electronic Equipments and Computer peripherals along with LAN connectivity **at Govt. Polytechnic College, Govt. of West Bengal, District - Cooch Behar.**
- The Lab-Set space is around 1000 Sq. ft. x 2 Rooms (IT-Lab and Electronics Lab) and the space will be used for training of 300 candidates (Batch wise) on NIELIT course on Electronics System Manufacturing through the developed Infrastructure.
- The developed Infrastructure will be used for regular IT-Skilled manpower development through training by the Trained IT-Resource person at district Head Quarter Cooch Behar

Terms and conditions:

A. GENERAL

1. The Tender document is not transferable and its cost is not refundable under any circumstances.
2. The Tender response should be valid for 90 days from the last date of submission of bid.
3. The company should adhere with all seriousness to the time schedule provided by NIELIT KOLKATA.
4. Branded items quoted by the bidders should be enclosed with the valid authorization certificates from OEM.
5. All Hardware, Software are to be delivered **at Cooch Behar Polytechnic College, Govt. of West Bengal, Keshab Road, PO & District - Cooch Behar, Pin - 736101.** with its own cost and responsibility of the vender.
6. The Bidder should provide the client list along with respective addresses and phone number where similar services have been / are being rendered by the bidder. Bidder may have to arrange a visit to client site for verification of facts by officers of NIELIT, Kolkata, if required.
7. The bidders are required to send two separate envelopes for the above said item – as described below under 2 bid system.

a) Envelope 1 - Containing the Technical bid with a covering letter address to Director, NIELIT, Kolkata prescribed format (Annexure – IV)

1. Containing the Earnest Money Deposit (EMD) in the form of Demand Draft (Details in Fact Sheet).
2. OEM Authorization Certificate (Details in Point No. 4, General Section),
3. Client List where similar services have been / are being rendered by the bidder along with respective addresses and phone number. (Details in Point No. 6, General Section),
4. Self-declarations stating that they are not Black Listed (Details in Point No. 9, General Section)
5. Last 2 years' experience certificate (Details in Point No. 17, General Section).
6. Cost of tender document (Details in Fact Sheet) and Technical Bid as prescribed in the Annexure-I (part-A & part-B).
7. Documents as mentioned in Pt- 15 (General Section) and Pt- 43 (Financial Section)

b) Envelope 2 – Containing the Financial bid with a covering letter address to Director, NIELIT, Kolkata as prescribed in the Annexure- V

Both the envelopes should be sealed and highlighted in bold letters as mentioned below:

Envelope-1:

Technical Bid for Supply of Computer Hardware, Software & Networking and Infrastructure Development with Electronics Equipments & Peripheral

Envelope-2:

Financial Bid for Supply of Computer Hardware, Software & Networking and Infrastructure Development with Electronics Equipments & Peripheral

Finally the above mentioned two envelopes **should be enclosed and sealed in one bigger envelope highlighted as 'OFFER FOR SUPPLY OF COMPUTER HARDWARE, SOFTWARE, NETWORKING AND INFRASTRUCTURE DEVELOPMENT'** along with tender number and due date. While opening the tenders, the envelopes containing technical bid shall be opened first and acceptance of the tender according to the specified clause will be ascertained. The technical bid should contain only technical details along with the particulars required in the tender document and should not contain any commercial terms and conditions other than mentioned by NIELIT, KOLKATA. **The financial bid should not contain anything other than as specified in Annexure – II.**

Financial bid of only those bidders shall be opened which are found technically acceptable for further evaluation and ranking before awarding the contract.

NOTE: TENDERS SUBMITTED WITHOUT ABOVE TWO BID SYSTEM PROCEDURE WILL BE SUMMARILY REJECTED.

8. Sealed Tenders, complete in all respects should reach Director, NIELIT, Kolkata, Jadavpur University Campus, Kolkata – 700032 by the stipulated date and time as mentioned in the

Fact Sheet. Tenders must be dropped in the tender box in the Director's Room at the aforesaid address. All the relevant information about the due date, opening date of Technical Bids and Financial Bids, contact persons for further query etc are mentioned in the Fact Sheet. The tenders received late including postal delays shall not be considered and no correspondence in this regard shall be entertained. Incomplete tenders or those without Earnest Money or the tender fees will be rejected.

9. Bidders who are blacklisted or debarred from participating in any such tender in any State / Central Government / PSU / Autonomous body are not allowed to participate in the tender. Bidders have to give self-declarations in this respect as per Annexure – III that they are not black listed as mentioned above and if under any circumstances the declarations are found false their bids will be out rightly rejected and EMD will be forfeited.
10. NIELIT, Kolkata, reserves the right to reject any or all tender(s) without assigning any reason at any stage. Any conditional tendering other than mentioned in this tender will be liable for rejection.
11. The Bidder(s) should mention the place with address from where support would be offered.
12. All disputes, differences, claims and demands arising under or pursuant to or touching the contract shall be referred to the sole arbitrator to be appointed by the Director, NIELIT, Kolkata.
13. In all matters and disputes arising hereunder, the appropriate Courts in Kolkata alone shall have jurisdiction to entertain and try them under Indian Law.
14. Queries, if any, raised by NIELIT, Kolkata should be answered by the prescribed date. In case of no reply, bid may be cancelled.
15. All pages of this Tender document must be signed and stamped. Any overwriting or use of white ink will not be accepted. All columns of the tender documents must be duly filled in and no column should be kept blank. NIELIT, Kolkata reserves the right to reject the EMD and tender submitted in case of incomplete tenders or in case where information submitted/furnished is found incorrect. No tender will be accepted by fax, email, telex, or any other such means.
16. In case the space in the tender document is found insufficient, the bidders may attach separate sheets keeping the format intact. There should not be any deviation in terms and conditions as have been stipulated in the tender documents.
17. Bidder must have the credentials to serve in State / Central Government / PSU / Autonomous body in similar Information Technology related services during the last 3 financial years in atleast 2 projects of single work order value of atleast Rs. 15 Lakhs.

18. If the last date of submission of bid happens to be a holiday, then the next working day will be the last date of submission of bid. Bids will be opened at the same time as mentioned earlier on the same day. Bidders are being informed to remain present in bid opening process.
19. **The design architecture, system analysis along with its implementation of Infrastructure development with Hardware, Software and Electronics equipments and peripherals will be done by the vendor with suitable modifications as may be suggested by NIELIT/the client at no additional charge.**

B. TECHNICAL

20. All the software packages being procured through this tender along with free software being provided by the bidder / manufacturer must be supplied in softcopy (may be in the form of CD's/ DVD's). Also the relevant manuals are to be supplied in Softcopy. Hardcopy of manuals / instructions, wherever available, must be supplied additionally.
21. Bidder will be responsible for installation and configuration of all software items as per requirement of client. No additional cost shall be provided to bidder for such service. Networking in Computer Lab with delivered Hardware, Infrastructure development with electronics equipments in Electronics Lab with delivered electronics equipments as mentioned in Technical Bids will be done by the vendor.
22. NIELIT, Kolkata / client will conduct acceptance test(s) on the system(s) ordered. If the system(s) supplied fail in the test(s), the same may be rejected. Replacement of cards or devices may not be allowed. NIELIT, Kolkata / client will also conduct acceptance test(s) on the Networking set up and Infrastructural Development with Electronics equipments.
23. After installation & configuration of the machine/s as well as networking and infrastructural development with electronics equipments, an acceptance test will be carried out. The acceptance test will consist of running the Systems / developed networking / developed infrastructure with electronics equipments for 8 hours daily for full seven working days.
24. All the system components should be compatible with Windows 7 or higher in both x86-32 bit or x86 – 64 bit versions. Compatibility with the higher versions mentioned hereby may also be considered.
25. NIELIT, Kolkata, reserves the right to reject all or any item, if supplied materials are found in defective condition or in broken package at the time of installation. The bidder must successfully install the computers / network set up/ infrastructural development with electronics equipments and make them functioning within 10 days of delivery.
26. **Bidder(s) should specify in the technical bid, make and model no. along with exact specifications / configurations offered for each item in Annexure I (Part B & Part C) enclosed.**

27. Any deviation from this specification / configuration may not be allowed during the actual supply, otherwise the order will be cancelled and EMD will be forfeited. Latest professional version of software is required to be supplied. Bidder(s) will also be required to enclose printed brochure of the products quoted along with the Technical Bid.
28. Bidder(s) will be responsible for comprehensive support at the time of installation, network connection, and infrastructure development with Computer Hardwires and Electronics equipments without any additional charges.
29. Comprehensive warranty for all supplied equipments will be for three years and will cover replacement of all defective parts / equipment.
30. Bidder(s) should also give preventive support schedule for the systems, software, Networking and infrastructure developed. No additional charge for this will be payable during warranty period.
31. Bidder(s) should have satisfactory arrangement to receive complaints and provide support clients in Cooch Behar, WB for which one authorized person would be identified by the vendor and intimated to NIELIT Kolkata along with name, designation, contact phone number, email address etc.
32. The company should ensure quick response in case of equipment / service failure within a maximum time of 48 hours from filing the complaint by the user / NIELIT Kolkata
33. The Technical Specification must be as the format specified provided in Annexure-I (Both Part-A & Part-B).

C. FINANCIAL

34. The lowest (L1) bidder will be selected from technically qualified bids based on the consolidated minimum total price quoted for the work and supply of required items. However the Authority may apply its discretionary power to take decision in this regard.
35. **Bidder has to quote in Annexure II for the specifications provided in Annexure-I (Part B & Part C).**
36. The Director, NIELIT, Kolkata reserves the right to accept any tender or to reject any or all tenders at any stage at his/her sole discretion without assigning any reasons thereof. The Director, NIELIT, Kolkata is not bound to accept the lowest bidder. No conditional tendering will be accepted.
37. Bids are to be quoted in Indian Rupees only.

38. Earnest Money Deposit (EMD) will be returned to all except the bidder(s) selected for the work within 30 days of placing the Work Order to the selected bidder. This amount will be returned to the selected bidder(s) after three months from the date of successful implementation of the work.

NO TENDER WITHOUT EARNEST MONEY DEPOSIT & COST OF THE TENDER WILL BE ENTERTAINED.

39. Discount, if any, should also be mentioned in the price bid. Total price of the goods should be clearly indicated. Excise Gate Pass, if applicable, to be prepared in the name of 'NIELIT, Kolkata' which is to be delivered in duplicate with Delivery Challan. We will not issue any Form like C, F etc. or Road Challan, Way-Bill.

40. The equipments and materials ordered must be delivered and installed within 3 Weeks at Site (i.e. Cooch Behar Polytechnic College, WB) from the date of acceptance of the purchase order. In case delivery is not completed within Three weeks from the date of acceptance of the purchase order or Purchase Order is not accepted within 3 (Three) working days of issuance of purchase order, NIELIT, Kolkata may cancel the Work Order. In such case the next eligible vender will be treated as L1 vender and order will be place to him, and the EMD of the former will be forfeited.

41. NIELIT, Kolkata will make 50% payment of ordered value within 7 (seven) working days of complete & successful delivery, installation of the hardware and electronics equipments and balance 50% of the work ordered value after successful completion of networking and infrastructural development work subject to acceptance of the clients.

42. The successful bidder should submit performance security @8% of the work order / contract value in the form of Demand Draft / Pay Order / Bank Guarantee of any of the Nationalized Bank in favour of "NIELIT Kolkata" payable at Kolkata within 15 days from the acceptance of the contract, which remains valid upto 15 days beyond the date of completion of all contractual obligations of the firm / company.

43. Copy of PAN, VAT Registration No, Service Tax Registration No. as applicable must be submitted. Quotations will not be accepted by Fax, Email or any such electronic data transfer form.

44. NIELIT, Kolkata Centre will not provide Sales Tax exemption certificate /C Form/Way-Bill.

45. **The supplied goods should have at least three years comprehensive guaranty /warranty at the site i.e. Cooch Behar Polytechnic College. West Bengal**

Sd/-

Jt. Director (F)
National Institute Of Electronics and Information Technology (NIELIT), Kolkata.

ANNEXURE-I – Technical Bid (Part-A)

PLEASE COMPLETE THE FORM AND ENCLOSE NECESSARY DOCUMENTS WHERE REQUIRED OTHERWISE THE TENDER WILL BE REJECTED

BID PARTICULARS FOR TENDER NO:

1) Name of the Bidder :

2) Address of the Bidder :

Telephone :

Fax :

Email :

3) Bidder's proposal number and date :

4) a) Name & Address of the officer to whom all references shall be made regarding this tender :

Telephone :

Fax :

Email :

4) b) Name and address of the office (s) from where support would be offered to the client :

5) Details of Earnest Money :

Bank/Demand Draft date	Bank/Demand Draft no	Drawn on Bank	Amount

6) Number of years of experience (Attach certificates from clients for successful running / execution) :

7) Turnover of Tenderer (for last 3 years) (Attach last 3 years Audited Annual Accounts 2011 – 12, 2012 – 13, 2013 - 14) :

8) Work experience of atleast 2 projects in :

last 3 financial years of a single work order
value of atleast Rs 15 Lakhs or above for State/
Central Government / PSU / Autonomous body.
(Reference of organizations with self attested photocopies of the work orders)

- 9) No of trained engineers :
(with Curriculum Vitaes)
- 10) Postal Address of Service station / :
Maintenance facility at Cooch Behar, WB
- 11) Copy of Income Tax Return : yes / no
(Attached attested copies)
- 12) VAT Registration Certificate : yes / no
(Attached attested copies)
- 13) Self-declaration that the firm has never : yes / no
been Black Listed.
(Attach Annexure - III)
- 14) PAN No :
- 15) OEM Certification for the Bidder : yes / no
- 16) Copy of Service Tax Registration Certificate with last Service Tax return
(Attach attested copy)

I/We have read all the terms and conditions of tender and accept them in full (Enclose a certificate of acceptance).

(Signature with official seal of the bidder)

DECLARATION

I/WE DECLARE THAT THE INFORMATION SUPPLIED ABOVE IS CORRECT TO THE BEST OF MY/OUR KNOWLEDGE.

(Signature with official seal of the bidder)

ANNEXURE-I – Technical Bid (Part-B)

Specification / Complied status:

Hardware materials will be covered under total 3 years Extended Warranty Support.

A. Supply of Hardware & software and Networking

S. N	Item description	Qty	Complied (Yes/No)
1.	Desktop PC (Business / Commercial) (see annexure I Part C for specifications)	12	
2.	PC Terminals (Business / Commercial) (see annexure I Part C for specifications)	10	
3.	DLP Based Projector (Business / Commercial) (see annexure I Part C for specifications)	1	
4.	Color LaserJet Printer (Business / Commercial) (see annexure I Part C for specifications)	1	
5.	Color Scanner (Business / Commercial) (see annexure I Part C for specifications)	1	
6.	Digitizing Tablet (Business / Commercial) (see annexure I Part C for specifications)	2	
7.	Digital Camera (Business / Commercial) (see annexure I Part C for specifications)	1	
8.	Computer Speaker System (Business / Commercial) (see annexure I Part C for specifications)	1	
9	Online UPS (Business / Commercial) (see annexure I Part C for specifications)	1	
10	Magnetic White Board (see annexure I Part C for specifications)	1	
11	Computer Table, Chair, Student Chair and Almirah (see annexure I Part C for specifications)	-	
12	Networking arrangement (see annexure I Part C for specifications)	-	
13	Software (see annexure I Part C for specifications)	-	

Signature of the Bidder with name and address

Seal of the Organization

B. Lab-set up with supply of Electronics Equipments and Peripherals

S. N	Item description with Specifications	Qty	Complied (Yes/No)
1.	Dual Beam Oscilloscope - 15-20 Mz	1	
2.	Power Supply – dual-0-30V, 5 Amp	1	
3.	Multimeter (Analog and Digital) – 15 Amp	1 each	
4.	Reostat – 5 Amp	1	
5.	Frequency Counter – 0-1Mz	1	
6.	Tong Tester	1	
7.	Functional Generator	1	
8.	Electronics Tool Kit	1 set	
9	Variac – 20 Amp	1	
10	Soldering Iron (35 W & 65 W)	1 each	
11	Ironformer (Eleminator) 12-0-12V 6-0-6V 0-12V 0-6V	2 2 2 2	
12	Di-Soldering Iron	2	
13	Solder – 500 Gm	1	
14	Electronic Component Set (Lab experiment Components)	1	
15	Di-soldering Tape – 10 Mt	1	
16	Electric line Tester and LAN Connectivity Tester	1 each	

Signature of the Bidder with name and address

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ANNEXURE – I – Technical Bid (Part C)

A. Specification for Hardware & software and Networking

Desktop PC (Business / Commercial) Configuration	
Model No	
Technology	Detail Description
Process type	Intel® Core™ i5-2320 (3.00 GHz, 6 MB cache, 4 cores) or Higher
Chipset	Intel®/Gigabyte Chipset Motherboard
Standard Memory	2 GB DDR3 Expandable up to 8 GB.
DIMM Slot	2 DIMM Slot.
Internal hard Disk drive	500GB or higher (3G SATA Hard Drive Drive @ 7200 rpm with 8 MB cache Buffer).
Optical drive	SATA SuperMulti DVD writer
Network interface	Realtek RTL8171E Gigabit Ethernet Integrated 10/100/1000 BaseT network interface
Video adapter	Intel HD Graphics up to 1243 MB total available graphics memory
Internal audio	Realtek ALC656
Internal Drive bays	2 internal 3.5 inch
Storage Controller	4 SATA Ports, 1 PATA Port for 2 IDE Drive Support.
Ports	8 USB 2.0 ports (2 in front), 1 Line-in, 1 Microphone (1 in front), 2 headphones (1 in front), Surround L/R, Center/LFE, Surround rear L/R, LAN, VGA and DVI-D Port (Optional), IEEE1394 (Optional)
Keyboard/Mouse	Multimedia Keyboard and PS2 button scroll Optical Mouse.
Display	18.5" TFT Color Display
Expansion slots	2 full-height PCI 2.3 1 full-height PCIe x1 1 full-height PCIe x16 1 15-in-1 Media Card Reader
Memory card device	15-in-1memory card reader
Power Supply & Cabinet	Micro tower with 350 watt SMPS Which works on AC 170 volt to 270 volt; Rated line Frequency: 50/60 Hz; Energy Star Compliant.
Warranty statement	3 year onsite including Parts & Labor

PC Terminals (Business / Commercial) Configuration	
Make	N-computing
Model No	
	Detail Description
Size	Full-height PCI card for full-sized PCs
Monitor mounting	Devices have built-in mounting holes to attach to the rear of a monitor with VESA-compliant mounting holes.
Power supply	Power adapters
Monitor power-save mode	Supports power-saving mode with Energy Star-compliant monitors
Video resolution	1440x900, 1360x768, 1280x1024, 1280x800, 1280x720, 1024x768, and 800x600, 16-bit color, 60 Hz refresh rate
Audio	Stereo output via speaker port

Operating temperature and humidity range	0 to 40 degrees Celsius 10 to 85% relative humidity (non-condensing)
Supported operating systems	Microsoft Windows and Linux
Supported software	Most PC applications, including browsers, e-mail, office suites, media players, educational software and more. Supports multimedia and full-motion video, but is not recommended for intensive 3D software.
Display	18.5" TFT Color Display
Keyboard/Mouse	PS2 Keyboard and PS2 button scroll Optical Mouse
Warranty statement	3 years onsite

DLP Based Projector (Business / Commercial) Configuration	
Make	DLP Multipurpose Projector
Model No	
	Detail Description
Aspect Ratio	4:3 (Native) 16:9
Brightness (ANSI Lumens)	4000 ANSI lumens
Contrast Ratio	2500:1
Display Type	0.63" Poly-Silicon TFT Active Matrix LCD x 3
Resolution (Native/Max)	XGA (1024 x 768)
Dimensions (WxHxD)	10.4in. x 3.7in. x 13.6in.(26.42cm x 9.4cm x 34.54cm)
Weight	7.4 lbs. (3.36 kg)
Inputs	2 x RGB D-Sub 15pin 2 x Stereo Mini Jack 1 x Composite 1 x S-Video 1 x HDMI 1 x USB 2 x RCA Audio
Outputs	1 x RGB D-Sub 15pin 1 x Stereo Mini Jack
Audio	1 x 10W Monaural Speaker
Control	1 x USB Type B 1 x RS-232
Audible Noise	39 dB (Normal) 35 dB (Eco Mode)
Operating Temperature	41°F ~ 95°F (5°C ~ 35°C)
Operating Humidity	20 ~ 80% (Non-Condensing)
Lamp Type	275W UHE
Lamp Life	3000 hrs (Normal) 4000 hrs (Eco Mode)
Horizontal/Vertical Keystone Correction	+/- 30 Degrees
Warranty statement	3 years onsite

Color LaserJet Printer (Business / Commercial) Configuration	
Make	A4 Size Color Laser Jet Printer
Model No	
Technology	Detail Description
Print Technology	4-pass color laser
Print Speed	Black (Normal, letter):Up to 17 ppm; Color (Normal, letter):Up to 4 ppm; First Page Out Color (Letter, ready) As fast as 27.5 sec
Recommended Monthly Page Volume	200 to 850 pages
Number Of Print Cartridge	4 (1 each black, cyan, magenta, yellow), 1 imaging drum
Standard Connectivity	1 Hi-Speed USB 2.0; 1 Fast Ethernet 10/100Base-TX; 1 Wireless 802.11b/g/n
Network Capabilities	Via built-in 10/100 Base-TX Ethernet networking or Wireless 802.11b/g/n
Control Panel	2 buttons (Cancel, Select), 8 LEDs (Attention, Ready, Yellow cartridge status, Magenta cartridge status, Cyan cartridge status, Black cartridge status, Wireless)
Media Type Supported	Paper (bond, brochure, color, glossy, letterhead, photo, plain, preprinted, pre punched, recycled, rough), transparencies, labels, envelopes, cardstock
Media Sizes Custom (Imperial)	3 x 5 to 8.5 x 14 in
Maximum/Standard Memory	64 MB DRAM, 4 MB Flash
Paper Handling	150-sheet input tray, 50-sheet output bin; Input Handling: Up to 150 Sheets, Up to 50 transparencies, Up to 50 post-cards, Up to 10 Envelopes; Output Handling: Up to 50 Sheets, Up to 50 transparencies
Processor	Custom RISC processor; Processor Speed:400 MHz
Power	Power Requirements: Input voltage 110 to 127 VAC (+/- 10%), 60 Hz (+/- 3 Hz) Power Supply Type: Built-in power supply; Power Consumption:295 watts printing, 8 watts ready, 3.1 watts sleep, <1 watt auto-off, 0.2 watts off; Typical Electricity Consumption (TEC) Number:0.925 kWh/Week
Media Sizes Supported	Letter, legal, executive, 4 x 6 in, 5 x 8 in, 8.5 x 13 in, envelopes (No. 10, Monarch), custom: 3 x 5 to 8.5 x 14 in
Warranty statement	3 years onsite including Parts & Labor

Color Scanner (Business / Commercial) Configuration	
Make	A4 Size Scanner
Model No	
Technology	Detail Description
Scan Type	Flatbed

Scan Technology	Charge Coupled Device (CCD)
Light source (scanning)	Cold cathode fluorescent lamp
Technologies features	Dust and scratch removal capabilities, faded color restoration, Adaptive Lighting, Red-eye Removal
Transparent Materials Adapter	Included; Built into lid Transparent Media Adapter (TMA); four 35 mm slides or five 35 mm negative frames
Preview Mode	Up to 11 seconds
Task Speed	4 x 6-in color photo to file: about 9.2 sec for multiple image scan, up to 27.9 sec for single image scan; 35 mm slides to file: up to 6.5 sec for multiple image scan, up to 25.6 sec for single image scan; OCR 8.5 x 11-in text page to Microsoft Word: up to 28 sec for single image scan; 4 x 6-in color photo to share/e-mail: up to 20.8 sec for single image scan; 8.5 x 11.7-in PDF to e-mail: up to 28 sec for single image scan
Scan Input Modes	Front-panel scan (reflective scans from the glass, transmissive scans of film materials), Copy, Scan to Email, Scan to PDF; Photosmart software, Scan picture, Scan document, Scan film, Copy; user application via TWAIN; integrated transparent media adapter (transmissive scans of film materials)
Scan Resolution	Hardware: Up to 4800 x 9600 dpi Optical: Up to 4800 dpi Enhanced: Up to 999999 dpi
Bit-depth/Grayscale levels	48-bit, 256 grayscale levels
Scan size maximum	8.5 x 11.7 in
Media Types	Paper (inkjet, laser, plain), photographic material (silver halide, pigment-dye), 3-D objects, 35 mm slides and negatives (using transparent media adapter)
Scan file formats	Windows: PDF, PDF searchable, TIFF, TIFF compressed, JPG, BMP, PNG, FPX, GIF, PCX, RTF, TXT, HTML; Macintosh: PDF, TIFF, JPG, FPX, GIF, PICT, RTF, TXT, HTML
Photographic format types	Reflective scan of printed photos up to 8.5 x 11.7 inches, transmissive scan of positive and negative film: 35 mm mounted slides, 35 mm negative film strips
Control Panel	4 front-panel buttons (Copy, Scan, Scan to E-mail, Scan to PDF)
Standard Connectivity	1 USB (2.0)
Warranty statement	3 years onsite including Parts & Labor

Digitizing Tablet (Business / Commercial) Configuration	
Make	Drawing Pen Tablet 5.5 x 4 Inch
Model No	
Technology	Detail Description
Interface	USB
Active Area	5.5 x 4 inches
Resolution	2000LPI
Pressure Sensitivity	1024 Levels
Report Rate	At least 100 points/sec
Technology	Electromagnetic
Pen	Cordless pen with a pen tip and two barrel buttons
Mouse	3 button cordless mouse with scroll button included
Email In Your Language	Send handwritten email in any language using Pen mail or Office XP
Freehand Drawing	Freehand drawing and painting. Supports all popular drawing software
Capture Drawings	Capturing drawings for inserting into documents
Handwriting Recognition	Create documents using Office XP handwriting recognition
Handwritten Documents	Create hand written documents using Annotate for Word or Office XP
One Touch Application Launch	Pen launching by tapping the hot cells on the pad to start a program or visit a website
Pen Commander	Run any program or menu command by flipping the pen
Free Hand Sketches	Send emails with free hand graphical illustrations using Pen mail or Office XP
Screen Capture with Notes	Capture any screen with free hand notes using Annotate all
Signatures	Capturing signatures and drawings for inserting into documents
Pen Scrolling	Pen Scrolling for document browsing
Warranty statement	3 years onsite including Parts & Labor

Digital Camera (Business / Commercial) Configuration	
Model No	
Technology	Detail Description
Screen Size	2.7 inch
Optical Sensor Resolution	8 MP
Focal Length	2.1- 57 mm
Lens Type	Wide-angle Lens
Sensor Type	BSI MOS / CMOS
Minimum Shutter Speed	1/8000 sec
Optical Zoom	27x
Digital Zoom	320x
Image Display Resolution	230,000 dots
Image Format	JPEG/EXIF 2.2/ DCF

Video Display Resolution	1920 x 1080
Video Format	MPEG4-AVC
External Storage	SD / SDHC / SDXC
USB Cable	USB 2.0
Battery Type	Lithium-ion
Warranty statement	3 years onsite including Parts & Labor

Computer Speaker System (Business / Commercial) Configuration	
Make	Speaker 2.1 Channel
Model No	
	Detail Description
Configuration	2:1 Channel
Total power output	RMS 2W x 2 + 4.5W x 1
THD + N (testing level)	0.1
Signal to noise ratio	≥85dBA
Frequency response	Satellites: 150Hz - 20kHz Subwoofer: 20Hz - 170kHz
Input impedance	10K
Audio Input Type	3.5mm Stereo line-in
Adjustment	Wired remote/ Volume adjustment, bass adjustment, track skip/rewind, play/pause button
Subwoofer / bass unit	4 inch (106mm) Magnetically shielded
Tweeter unit	50mm x 90mm, magnetically shielded
Dimensions	Satellites: 64mm x 140mm x 112mm Subwoofer: 158mm x 225mm x 252mm (WxHxD)
Weight	2.50Kg (net) / 3.20Kg (gross)
Warranty statement	3 years onsite

Online UPS (Business / Commercial) Configuration	
Make	6KVA/192V DC or 6KVA/192V DC external model on line UPS
Model No	
	Detail Description
Technology	D.S.P based Technology
Topology	Online Double conversation
Input Source	Mains/Local Make DG Set
Input power factor	Better then 0.93
Output power factor	0.7 power factor
Input (Voltage)	160 V to 270 V (350 V surge for 10 minute).230 +/- 25%
Output (Voltage)	230V +/- 2 % (both for load and supply variations)(Base Voltage adjustable)
Frequency	50 Hz +/- 0.5% (Constant frequency Output)
Waveform (Output)	<3% (linear load) & <5% (nonlinear load)

Transient response	Less than 40 MS for 0 to 100% step load change.
Minimum metering	<ul style="list-style-type: none"> • Backup available (Time for which backup available say next 10 Min. • Battery low audio alarm. • Output OK indicator. • Input/ Output voltage meters. • Load Utilization Indicator UPS on Mains/Battery frequency
Inverter efficiency	Greater than 95%
Size (Inches WxHxD)	As compact as possible.
UPS type	On line (to act as power conditioner as well as Backup)
Inverter technology	Switch mode (PWM with IGBT SWITCHES)
Battery charger	Current limited, maximum voltage equal to 2.33 V/Cell.
Maximum charging Current	Not to exceed 10% of battery capacity
Back up desired	Full load for specific Period of 1 hr. /4 hr. of the 100% rated capacity
Nominal DC Bus of UPS	6KVA 192V DC or 6KVA/240V DC
Battery type	At least 42AH rating batteries
Battery make	Panasonic, Global YUASA, EXIDE, Amara Raja, Rocket
Overload capacity (1 hrs)	110% for 60 min. 125% for 10 min. 150% for 1 min
Warranty statement	3 years onsite

Magnetic White Board	
Model No	Detail Description
Configuration	4/3" White Screen Magnetic Board with Duster, Marker Pen Set and wall mount arrangement
Warranty statement	3 years onsite

Computer Table ,Chair, Student Chair and Almirah	
Model No	Detail Description
Configuration for Computer Table	Computer Table 3/2" each /running Table for 22 Computers with CPU Rack and Key Board rest and Table 3/2" for 6 nos other H/W materials
Configuration for Revolving Chair	22 numbers Branded revolving Chair (armless) with height adjustment
Configuration for Student Chair	22 Branded Student Chair with book rest arrangement
Configuration for Almirah	1 number Branded Almerah with 5-6" height, proper locking arrangement

Net-Working arrangement	
Make	Branded Product
Model No	
Configuration	16 port Switch x 2 with rack,CAT5e Cable, RJ 45 Clip and required electrifications for connectivity with 22 PCs, Printer, Scanner, Projector etc.
Warranty statement	3 years onsite

Software's	
Make	Product License (Educational version)
Model No	
Configuration	Windows 7 or higher with integrated Support Pack for 22 Computers Microsoft Office 2007 Standard Edition or higher (Word, Power point, Excel, Access) ,Adobe Photoshop CS 4 or higher for 22 Computers

B. Specifications for Infrastructure Development with Electronics Equipments and Peripherals

Please see Annexure – I Part – B (Item B) for details

ANNEXURE-II – Financial Bid

In continuation reference of Notice inviting tender, terms and conditions, specifications and locations of the client / users the rate which include all charges / taxes etc involving up-to at delivery, installation, development, maintenance and operational charge for users and comprehensive onsite warranty are quoted as under:

Hardware materials will be covered under total 3 years on-site Warranty Support including all taxes and charges.

A. Bid for Hardware & software and Networking with LAB-set up
Part C for detail specifications)

(see annexure I

S. N	Item description	Qty	Cost/Unit (INR)	Total Price (INR)
1.	OEM Make Desktop PC (Business / Commercial)	12		
2.	OEM Make PC Terminals (Business / Commercial)	10		
3.	OEM Make DLP Based Projector (Business / Commercial)	1		
4.	OEM Make Color LaserJet Printer (Business / Commercial)	1		
5.	OEM Make Color Scanner (Business / Commercial)	1		
6.	OEM Make Digitizing Tablet (Business / Commercial)	2		
7.	OEM Make Digital Camera (Business / Commercial)	1		
8.	OEM Make Computer Speaker System (Business / Commercial)	1		
9	OEM Make Online UPS (Business / Commercial)	1		
10	Magnetic White Board	1		
11	Computer Table (3 feet/2 feet)	28		
12	Revolving Chair	22		
13	Student Chair	22		
14	Almirah	1		
15	Networking arrangement with Lab-Set up	--		
16	Software (see annexure I Part C for specifications)	-		
	Total price in figure			
	Total price in words			

Signature of the Bidder with name and address

Seal of the Organization

B. Bid for Infrastructure Development with Electronics Equipments and Peripherals

S. N	Item description with Specifications	Qty	Cost/Unit (INR)	Total Price (INR)
1.	OEM Make Dual Beam oscilloscope - 15-20 Mz	1		
2.	OEM Make Power Supply – dual-0-30V, 5 Amp	1		
3.	Multimeter (Analog and Digital) – 15 Amp	1 each		
4.	Reostat – 5 Amp	1		
5.	OEM Make Frequency Counter – 0-1Mz	1		
6.	Tong Tester	1		
7.	OEM Make Functional Generator	1		
8.	Electronics Tool Kit	1 set		
9	OEM Make Variac – 20 Amp	1		
10	Soldering Iron (35 W & 65 W)	1 each		
11	Transformer (Eliminator) 12-0-12V 6-0-6V 0-12V 0-6V	2 2 2 2		
12	Di-Soldering Iron	2		
13	Solder – 500 Gm	1		
14	Electronic Component Set	1		
15	Di-soldering Tape – 10 Mt	1		
16	Electric Line Tester and LAN connectivity Tester	1 Each		
17	Lab-Set up with Electronics Equipments	-		
	Total price in figure			
	Total price in words			

Signature of the Bidder with name and address

Seal of the Organization

ANNEXURE - III

SELF-DECLARATION – NO BLACKLISTING

To

The Director
National Institute of Electronics and Information Technology (NIELIT), Kolkata
Jadavpur University Campus,
Kolkata – 700032,
India

In response to this tender document pertaining to Supply of Computer Hardware , Software & Networking and Infrastructure development with Electronics Equipments & Peripherals for client / NIELIT Kolkata, I/ We hereby declare that presently our Company/ firm _____is having unblemished record and is not declared ineligible for corrupt and /or fraudulent practices either indefinitely or for a particular period of time by any State/ Central Government/ PSU/Autonomous Body.

We further declare that presently our Company/ firm _____is not blacklisted and not declared ineligible for reasons other than corrupt & fraudulent practices by any State/ Central Government/ PSU/ Autonomous Body on the date of Bid Submission.

If this declaration is found to be incorrect then without prejudice to any other action that may be taken, my/ our security may be forfeited in full and the award of work contract if any to the extent accepted may be cancelled.

Thanking you,

Name of the Bidder: -

Authorized Signatory: -

Seal of the Organization: -

Date:

Place:

ANNEXURE - IV

Letter Format in Company's letter Head (Technical Bid)

To

The Director
National Institute of Electronics and Information Technology (NIELIT), Kolkata
Jadavpur University Campus,
Kolkata – 700032,
India

Sir

In response to the Tender Number – NIELIT/KOL/e-gov/14-15/05 dated 26/09/2014 we are submitting the Technical bid herewith for your kind convenience.

Thanking you,

Name of the Bidder: -

Authorized Signatory: -

Seal of the Organization: -

Date:

Place:

ANNEXURE - V

Letter Format in Company's letter Head (Financial Bid)

To

The Director
National Institute of Electronics and Information Technology (NIELIT), Kolkata
Jadavpur University Campus,
Kolkata – 700032,
India

Sir

In response to the Tender Number – NIELIT/KOL/e-gov/14-15/05 dated 26/09/2014 we are submitting the Financial bid herewith for your kind convenience.

Thanking you,

Name of the Bidder: -

Authorized Signatory: -

Seal of the Organization: -

Date:

Place: