

# West Bengal State University

Berunanpukuria, Malikapur Barasat

24 North Parganas, Kolkata-700126

Phone: (033) 2524 1975/1976/1978/1979 Fax: (033) 2524 1977

## **NOTICE INVITING e-TENDER**

NIT No. : WBSU/24PNR/ETEN/Comp.Sci-Lab.Equipments/2016-17/04

Dated: 18.07.2016

The REGISTRAR (Officiating), West Bengal State University, Berunanpukuria, Malikapur, Barasat, 24 Parganas (N), invites **Open E-tender for procurement of Computer and accessories for Computer Science Lab for the Department of Computer Science, WBSU.** Interested bidders may obtain bidding documents by registering themselves to the e-tendering portal (<https://wbtenders.gov.in>).

(Submission of Bid through online only: <http://www.wbtenders.gov.in>)

Sl No.	Description of Equipment / Materials	Quantity (Nos.)	Earnest Money (Note: Shall be in the shape of CTS-2010 DD/ pay order issued from any Nationalized Bank in favor of West Bengal State University. Payable at 'Barasat'.)	Period of Completion
1	<b>Laptop</b> (6 <sup>th</sup> gen i7 16Gb 256 SSD 1TB 7200, 8GB NVIDIA GTX 980M) (from reputed OEM)	3	<b>Rs. 25,000/-</b>	30 days
2	<b>Workstations</b> (6 <sup>th</sup> gen i7 16Gb 2TB 7200) (from reputed OEM)	3		
3	<b>Desktops</b> (6 <sup>th</sup> gen i7 8Gb 1TB 7200 4GB Graphics) (from reputed OEM)	30		
4	<b>UPS 1KVA</b> (Offline) (from reputed OEM)	3		
5	<b>UPS 750 VA</b> (Offline) (from reputed OEM)	30		
6	<b>Projector</b> (1920x1080 lamplife 5000, 1500:1 Contrast ratio, connectivity USB, VGA, HDMI, AV in) (from reputed OEM)	1		

### **Opening and Evaluation of Tender**

The REGISTRAR (Officiating) , West Bengal State University  
Berunanpukuria, Malikapur Barasat  
24 North Parganas, Kolkata-700126

## **Contents:**

1. Notice Inviting Tender.
2. Instruction to Bidder
3. Date and Time Schedule of Work.
4. General Conditions of Contract and Specification for the Work.

## **2) Instruction to Bidder:**

In the event of e-filling, intending bidder may download the tender documents from the website <http://www.wbtenders.gov> in directly with the help of Digital Signature Certificate. Necessary Earnest Money deposit may be remitted through Demand Draft issued from any nationalized bank in favour of the “West Bengal State University” payable at ‘Barasat’. The original Demand Draft against Tender Fees, Earnest Money Deposit (EMD) should be submitted physically to the Office of the West Bengal State University, Berunanpukuria, Malikapur, Barasat, 24 North Parganas, Kolkata-700126 and the scan copy of the demand draft uploaded at the time of bid submission in technical folder. The original part of online submission of EMD and Technical Specification(Hard Copy) and other submitted documents(Hard Copy) should be submitted, at least before the date of opening of the bid, falling which, the submission will treated as cancelled. The EMD will be refunded only after the issue of the final supply order.

Both Technical Bid and Financial Bid are to be submitted concurrently under sealed cover duly digitally signed in the website <http://www.wbtenders.gov.in>.

Tender documents may be downloaded from website and submission of Technical Bid and Financial Bid will be done as per Date & Time Schedule stated below.

The FINANCIAL OFFER of the prospective tenderer will be considered only for those tenderer who have successfully qualified technically i.e., Technical Bid is found suitable in all respect. The decision of the ‘University’ will be final and absolute in this respect. The list of Qualified Bidders will be displayed in the website.

### **A) Eligibility criteria for participation in the tender.**

- i) Bonafide, experienced & resourceful contractors of Govt., Semi Govt., Govt. Undertaking Organizations, Govt. Enterprises etc. who have successfully completed the work of similar nature having value not less than 40% of the Estimated Cost of work, put to tender in a single contract during last 3(three) financial years are only eligible to participate in the tender. Must produce the credential & accordingly submit through online only.

- ii) Contractors having valid PAN, Sales Tax/VAT registration Certificate & Professional Tax challan, Service Tax Registration Certificate if available, EPF registration Certificate and up-to-date challan are to be accompanied with the Technical Bid Documents.
- iii) Income Tax Acknowledgement Receipt for the latest Assessment year, P.T. Deposit Challan for the year 2013-2014/2014-2015/2015-2016, Pan Card, VAT Registration Certificate are to be accompanied with the Technical Bid Documents.
- iv) Registered Partnership Deed for Partnership Firm only along with Power of Attorney is to be submitted. The company shall furnish the Article of Association and Memorandum.
- v) Registered Labour Co-operative Societies are required to furnish valid Bye Law, Current Audit Report, Minutes of last A.G.M., valid certificate from A.R.C.S. along with other relevant supporting papers.
- vi) Running payment for work may be made to the executing agency as per availability of fund. The executing agency may not get a running payment unless the gross amount of running bill is 50 (fifty) lakh or 30% of the tendered amount whichever is less.
- vii) No mobilisation advance and secured advance will be allowed.
- viii) Joint Ventures will not be allowed.
- ix) Average annual turnover during last three years shall not be less than 30% of the estimated cost. Working capital in the year, proceeding the year of bid submission shall not be less than 30% of the estimated cost.

**B) Submission of Bids:**

Technical Bid & Financial Bids are to be submitted concurrently duly digitally signed in the website <https://wbtenders.gov.in> .

**C) Bid Validity**

Bids shall remain valid for a period not less than 30 days (Thirty) from the last date of submission of Financial Bid / Sealed Bid. If the bidder withdraws the bid during the period of bid validity the earnest money as deposited will be for failed forthwith without assigning any reason thereof.

**D) Detailed Specification:**

**1. Specifications of Laptops**

<b>Specification</b>	<b>Description</b>
<b>Camera</b>	FullHD 2MP Camera with dual digital microphones
<b>Wireless</b>	Killer Networks Gigabit Ethernet NIC (Standard)
	Killer 1535 802.11ac 2x2 WiFi and Bluetooth 4.1 (Standard)
<b>Keyboard and Touchpad</b>	4-Zone, multi-color RGB, keyboard with lighting controls and numeric keypad
	9 user-programmable keys providing up to 15 distinct functions per application or game
<b>Connectivity</b>	Windows® 8.1 (64-bit) (Standard) with upsell options to Professional modules
<b>Software</b>	Windows® 8.1 (64-bit) (Standard) with upsell options to Professional modules
<b>Display</b>	17.3 inch UHD (3840 x 2160) IPS-Panel Anti-Glare 400-nits Display with touch technology
<b>Processor Options</b>	Intel® Core™ i7-6700HQ (Quad-Core, 6MB Cache, up to 3.5GHz w/ Turbo Boost)
<b>Graphics Options</b>	NVIDIA® GeForce® GGD RS GTX 980M with 8GB RAM
<b>Memory Options</b>	16GB Dual Channel DDR4 2133 Mhz
<b>Storage Options</b>	1TB 7200RPM SATA 6Gb/s with 256GB SSD Pcle (Boot)
<b>Battery and Adapter</b>	8-cell Lithium Ion (92 wHr) battery and 180W adaptor
<b>Warranty</b>	Atleast 3 years onsite

**2. Specifications of Workstations**

<b>Item</b>	<b>Description</b>
<b>Form Factor</b>	<b>Tower . Chassis Volume (liters) Max 8 Liters</b>
<b>Processor</b>	6 <sup>th</sup> Gen Intel Core i7-6700 Processor (3.4 Ghz 8 MB cache)
<b>Chipset</b>	Intel C236 Chipset or higher
<b>RAM and Upgradable</b>	16GB (2x8GB) 2133 MHz DDR4 ECC UDIMM. Minimum 4 DIMM Slots up to 64 GB.
<b>Monitor</b>	23 inches or higher with Resolution of 1680 x 1050 or Higher, Color depth minimum 16.77 million colors, Contrast ratio (typical) 1,000:1 with LED Backlight.
	Connectors/Ports :DVI-D (HDCP), VGA, Display Port and USB ports (Same OEM make / Brand quoted Workstation system)
<b>Graphics Card</b>	NVIDIA Quadro K1200, 4GB, (with all required accessories for connecting the asked monitor)
<b>Audio</b>	High Definition Integrated Audio
<b>Hard Drive</b>	2 TB 7200 RPM SATA Hard Drive
<b>Optical Drive</b>	16x DVD+/-RW Drive
<b>Input Devices</b>	USB Keyboard, USB Optical Mouse
<b>Network</b>	Integrated Intel GbE Controller with 802.11ac + Bluetooth 4.0
<b>Slots</b>	Minimum 1 PCIe x16 Gen3 and 1 half height PCIe x4 Gen 3;

<b>Ports</b>	Minimum 6 USB 3.0 & 4 USB 2.0 port , Audio line-in / microphone , Audio line-out ,1 Serial,1 RJ45, 2 Display Port ,1 HDMI
<b>Power Supply</b>	85% Energy Efficient not more than 400W.
<b>Certification on Quoted product Model</b>	Windows 8.1,ENERGY STAR 5.2 ,EPEAT Gold for both Workstation and Monitor, ROHS, Red Hat Enterprise Linux, UL/FCC
<b>Operating System</b>	Genuine Windows 10 Professional 64-bit and downgrade to Windows 7 Professional 64 Bit
<b>Warranty</b>	5 years onsite

### 3. Specifications of Desktops

<b>Item</b>	<b>Description</b>
<b>Processor</b>	6th Gen Intel Core i7-6700 Processor (Quad Core, 8MB, 3.4GHz) or Higher
<b>Chipset</b>	Intel Q170 Chipset with 16 MB SPI_FLASH (Serial Peripheral Interface) on chipset
<b>Motherboard</b>	Motherboard make from the same Desktop OEM (OEM Logo sticker in the motherboard will not be accepted)
<b>Memory</b>	8GB (2x4G) 2133MHz DDR4 Memory
<b>Maximum upgradable System Memory</b>	64 GB 2133 MHz DDR4 Memory with 4 DIMM slots or higher
<b>Hard Disk</b>	1 TB Serial ATA (7,200 Rpm) Hard Drive
<b>Optical Drive</b>	DVD+/-RW Optical Disk Drive
<b>Monitor</b>	23 inches with LED Backlight or higher with Full HD 1920 x 1080 (Same Desktop OEM make)
<b>Ethernet</b>	Integrated Gigabit (10/100/1000) NIC and Intel Wireless 8260 + Bluetooth
<b>Mouse</b>	2 Button USB Optical Scroll Mouse (Same OEM make/brand as system)
<b>Keyboard</b>	104 Keys USB keyboard (Same OEM make/brand as system)
<b>Graphics</b>	NVidia GeForce GTX 745 (4GB)
<b>Audio</b>	Internal audio connector with Internal audio Speaker
<b>I/O Ports</b>	10 or more USB (at least 4 USB ports in front panel) with atleast 6 USB of V 3.0
	1 Ethernet (RJ45)
	1 VGA out / 1 display port and 1 HDMI
	1 Stereo line in/out or universal audio
<b>Expansion Slots</b>	Minimum 2 PCIe/PCI
	Serial, USB & Network Enable/Disable Port Control
	Power-On Password
<b>Chassis</b>	Security lock option to lock both PC and Monitor. Trusted Platform Module (TPM) 1.2 or Higher with 24 KB on chipset, Chassis with Chassis Intrusion Switch. Chassis Volume (liters) not more than 16 liters.
<b>Power Supply</b>	Not more than 250 Watt with min 85% or higher energy efficient power supply
<b>Bays</b>	Minimum 2

<b>Operating System &amp; Media</b>	Preloaded Windows 10 Pro (64bit) English
<b>OS Certifications</b>	Windows 10 Professional and Linux Certification
<b>Compliance/Certification</b>	For OEM: ISO 9001 and 14001. For quoted model : UL/FCC, EPEAT & ENERGY STAR 6.
<b>Warranty</b>	5 years On-site Comprehensive OEM Warranty

#### 4. Specifications of Projector

##### GENERAL

Resolution	1920 x 1080 pixels
Type	3D
3D Glasses Type	Lighter Full HD RF 3D Glasses
Display Mode	480p, 720p, 1080i, 1080p, 480i, 576i, 576p
Projection Ratio	1.22 - 1.47
Device Chipset	LCD
3D Support	Yes
Lamp	200 W UHE
Lamp Life	5000 hr
Usage	Home

##### DISPLAY FEATURES

Other Display Features	Projection Technology: RGB Liquid Crystal Shutter Projection System, LCD Size: 0.61 inch Wide Panel with MLA, Native Resolution: 1080p, Video Quality: Interlace Progressive Conversion, 3D Y/C Separation, Noise Reduction, Lamp Life: 6000 hrs (Eco), Screen Size: Wide and Tele (34 inch - 328 inch), Zoom
Maximum Projection Size	328 inch
Brightness	2000 lm (Standard), 2700 lm (Maximum)
Contrast Ratio	15000:1 Hz
Zoom Ratio	1 1.2

##### DIMENSIONS WITHOUT STAND

Weight	2.8 kg
Height	105 mm
Width	297 mm
Depth	247 mm

##### WARRANTY

2 Years Carry-in, Lamp: 1 Year or 750 hrs - Whichever Comes First

##### AUDIO FEATURES

Audio Type	Mono, Stereo
Other Audio Features	Built-in Speaker, Superb Sound Quality
Output Per Speaker	2 W
Number of Speakers	1 Speaker

##### POWER FEATURES

Power Supply	AC 100 - 240 V, 50/60 Hz
Other Power Features	Power Consumption (220 - 240 V) Lamp On: 287 W (Normal), 217 W (Eco), Stand By: 0.31 W

## LENS FEATURES

Other Lens Features	Projection Lens Type: Optical Zoom (Manual)
Focus Mechanism	Manual Focus
Focal Length	16.9 - 20.28 mm
Aperture	F1.58 - F1.72

## CONNECTIVITY

Audio In	1 x RCA (White / Red)
USB	2 USB Type A, USB Type B Mini USB (For Service and Firmware Update Only) Port
Headphone Jack	Yes
VGA	1 x 15-pin D-sub, 15-pin Mini D-sub
HDMI	2 HDMI Port
Audio Out	1 x Stereo Mini Jack
AV In	RCA Composite Audio In, RCA Composite Video In
Other Connectors	Control I/O RS-232C: 1 x D-sub 9-pin, HDCP Supported, MHL x 1

## OPERATING CONDITIONS

Other Operating Conditions	Fan Noise: 29 dB (Eco)
Noise Level	37 dB (Normal)
Maximum Altitude	3000 m
Operating Temperature	5 °C - 35 °C

## IN THE BOX

Projector, Power Cable, Remote Control, User Manual Set

## ADDITIONAL FEATURES

Other Features	Six Axis Color Adjustment: Hue, Saturation, Brightness for Each of RGBCMY are Adjustable, 3D Display: On / Off, 3D Format: Auto, Side by Side, Top and Bottom, 2D, 3D Depth: +/-10, Superior Placement Flexibility, Wide Range Connectivity, Clear and Vibrant Images, Bright 3D Drive,
Signal Type	SECAM, NTSC 4.43, PAL-60, PAL-M, PAL-N, NTSC, PAL
Remote Control	Yes
Functional Modes	Natural, Cinema, 3D Cinema, Living Room, Eco Mode, Color Mode: Dynamic, 3D Dynamic, Fast Mode, Normal Mode
Keystone Adjustment	Keystone Correction: Auto Vertical: 30°, Horizontal: 30°

## 5. Specifications of UPS

- Output Power Capacity : 1) 1 KVA (Offline)  
2) 750 VA (Offline)
- Standard Warranty: 1 years + 2 years extended warranty

**Note:- The make of all products should be of reputed OEM.**

**E) Qualification Criteria:**

The Tender Inviting & Accepting Authority will determine the eligibility of each bidder; the bidders shall have to meet all the minimum Criteria regarding:-

- a) Financial Capacity
- b) Technical Capability comprising of personnel & equipment capability
- c) Experience

The eligibility of a bidder will be ascertained on the basis of the attested documents in support of the minimum criteria as mentioned in a), b) and c) as above and the declaration executed through prescribed affidavit in non-judicial stamp paper of appropriate value notarized duly. If any document submitted by a bidder is either concocted or false, in such cases the eligibility of the bidder/ tenderer will be out rightly rejected at any stage without any prejudice with forfeiture of earnest money forthwith.

**3) Date & Time schedule:**

Particulars	Date	Time
1.Date of uploading of N.I.T. & other Documents(online) (Publishing Date)	18.07.2016	01:00 PM
2. Documents download/sale start date (Online)	18.07.2016	02:00 PM
3. Documents download/sale end date (Online)	31.07.2016	06:00 PM
4. Bid submission start date (Online)	18.07.2016	02:30 PM
5. Last Date of submission of original copies for the Earnest money deposit (Offline) & Technical Detailed Specifications (Offline) & necessary sufficient documents as per Online Submission (Offline)	01.08.2016	Upto 03:00 PM
6. Bid Submission closing (Online)	31.07.2016	06:00 PM
7. Bid opening date for Technical Proposals (Online)	02.08.2016	02:00 PM
8. Date of uploading list for Technically Qualified Bidder(online)	To be Notified after evaluation of Technical Proposal	
9. Date for opening of Financial Proposal (Online)	To be Notified after evaluation of Technical Proposal	



#### 4) General Terms and Condition:

### **INSTRUCTION TO BIDDER**

**A. General guidance for e-Tendering**

Instructions/ Guidelines for tenders for electronic submission of the tenders have been annexed for assisting the contractors to participate in E-Tendering.

**B. Registration of Contractor**

Any contractor willing to take part in the process of E-Tendering will have to be enrolled & registered with the Government e-Procurement system; through logging on to <https://wbtenders.gov.in> the contractor is to click on the link for E-Tendering site as given on the web portal.

**C. Digital Signature certificate (DSC)**

Each contractor is required to obtain a class-II or Class-III Digital Signature Certificate (DSC) for submission of tenders, from the approved service provider of the National Information's Centre (NIC) on payment of requisite amount details are available at the Web Site stated in Clause 2 of Guideline to Tenderers DSC is given as a USB e-Token.

**D. Submission of Tenders.**

General process of submission, Tenders are to be submitted through online to the website in two folders at a time for each work, one in Technical Proposal & the other is Financial Proposal before the prescribed date & time using the Digital Signature Certificate (DSC) the documents are to be uploaded virus scanned copy duly Digitally Signed. The documents will get encrypted (transformed into non readable formats)

**E. Tenders Documents Details:**

**Others important Documents or My Document**

Sl. No	Category Name	Detail(s)
1.	<b>Certificate(s)</b>	Vat Registration Certificate & Acknowledgement. PAN. P Tax (Challan) (current financial year). Latest IT Receipt. IT-Saral for last Assessment Year
2.	<b>Company Detail</b>	Proprietorship Firm (Trade License) Partnership Firm (Partnership Deed, Trade License) Ltd. Company(Incorporation Certificate, Trade License) Valid Trade License
3.	<b>Credential</b>	Similar nature of work completion certificate.
4.	<b>Financial Info</b>	Tax Audited Report last 3 (Three) years (year just preceding the current Financial Year

## **Statutory Cover containing the following documents**

### **E.1 Technical proposal**

The Technical proposal should contain scanned copies of the following further two covers (folders).

- i. Scan copy of EMD.
- ii. Scan copy of AFFIDAVIT
- iii. FORM I, II

### **E.2 Financial proposal**

The financial proposal should contain the following documents in one cover(folder) i.e. Bill of quantities (BOQ), the contractor is to quote the rate online through computer in the space marked for quoting rate in the BOQ.

**Note- The original part of online submission of EMD and Technical Specification(Hard Copy) and other submitted documents(Hard Copy) should be submitted, at least before the date of opening of the bid, failing which, the submission will treated as cancelled. Also submitted the Commercial Terms & Conditions for the quoted items.**

### **F. Non-statutory Cover containing the following documents :**

- A) Vat Registration Certificate & Acknowledgement. PAN. P Tax (Challan) (current financial year). Latest IT Receipt. IT-Saral for last Assessment year.
- B) Job Credential.
- C) Company Details.
- D) Payment Certificate.
- E) Power of Attorney (For Partnership Firm / Private Limited Company, if any)

**N.B.: Failure of submission of any of the above mentioned documents as stated above will render the tenderer liable to be rejected for both statutory & non statutory cover.**

### **G. Rejection of Bid:**

The Tender Committee reserves the right to accept or reject any Bid and to cancel the Bidding processes and reject all Bids at any time prior to the award of Contract without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the ground for Tender Committee's action.

### **H. Award of Contract**

The Bidder whose Bid has been accepted will be notified by the Tender Inviting & Accepting Authority through an Acceptance e-mail / Letter of Acceptance.

The notification of award will constitute the formation of the Contract.

The Agreement as per enclosed format in G.C.C. will incorporate all agreements between the Tender Accepting Authority and the successful bidder. All the tender documents including N.I.T. & B.O.Q. will be the part of the contract documents. After receipt of Letter of Acceptance, the successful bidder shall have to submit requisite copies of contract documents stated in N.I.T. of the concerned work within time limit to be set in the letter of acceptance.

**I.** There shall be no provision of Arbitration.

**J.** Conditional / Incomplete tender submissions will be treated as non responsive.

**K.** In case of quoting rates, no multiple lowest rate will be entertained. Rates to be quoted both in number & words. No adjustment in price or price as collation of any kind will be allowed for the works included in this NIT.

**FORM – I**

**PRE-QUALIFICATION APPLICATION**

To  
The Registrar  
West Bengal State University  
Berunanpukuria, Malikapur  
Barasat, Kolkata-700126

Ref : Tender for .....  
(Name of Work).....  
.....

N.I.e.T. No. : .....

Having examined the Statutory, Non-statutory & N.I.T. documents, I /we hereby submit all the necessary information and relevant documents for evaluation.

The application is made by me / us on behalf of .....in the capacity  
..... duly authorized to submit the order.

The necessary evidence admissible by law in respect of authority assigned to us on behalf of the group of firms for Application and for completion of the contract documents is attached herewith.

We are interested in bidding for the work(s) given in Enclosure to this letter.

We understand that:

1. Tender Inviting & Accepting Authority / Engineer-in-Charge can amend the scope & value of the contract bid under this project.
2. Tender Inviting & Accepting Authority / Engineer-in-Charge reserve the right to reject any application without assigning any reason

Enclosure(s): e-Filling:-

- a) Statutory Documents.
- b) Non Statutory Documents.

.....  
Signature of applicant including title

Date: .....

**FORM – II**

**STRUCTURE AND ORGANISATION**

1	Name of the Applicant	
2	Office Address	
	Telephone No.	
	Fax No	
3	Name and Address of Bankers	
4	Attach an organization chart showing the structure of the company with names of Key personnel and technical staff with Bio-data.  <b>Note :</b> Application covers Proprietary Firm, Partnership, Limited Company or Corporation	

.....  
Signature of applicant including title and  
capacity in which application is made

**AFFIDAVIT – “Y”**

(To be furnished in Non – Judicial Stamp paper  
of Rs.100.00 (One Hundred only) duly notarized)

1. I, the under-signed do certify that all the statements made in the attached documents are true and correct. In case of any information submitted proved to be false or concealed, the application may be rejected and no objection/claim will be raised by the under-signed.
2. The under-signed also hereby certifies that neither our firm  
M/S..... nor any of  
constituent partner had been debarred to participate in any tender by any Govt. Organization / Undertaking during  
the last 5 (five) years prior to the date of this N.I.e.T.
3. The under-signed would authorize and request any Bank, person, Firm or Corporation to furnish pertinent  
information as deemed necessary and/or as requested by the Department to verify this statement.
4. The under-signed understands that further qualifying information may be requested and agrees to furnish any such  
information at the request of the Department.
5. Certified that I have applied in the tender in the capacity of individual/ as a partner of a firm and I have not applied  
severally for the same job.

.....  
Signed by an authorized officer of the firm.

.....  
Title of the officer

.....  
Name of the Firm with Seal

Date:.....

**Copy forwarded to the: -**

- i) The Sabhadhipati 24 North Parganas zilla Parishad.**
- ii) D.M 24 North Parganas.**
- iii) Distict Information officer 24 North Parganas.**
- iv) Divisional Account Officer 24 North Parganas.**

**Sd/  
REGISTRAR (Officiating)  
West Bengal State University  
Berunanpukuria, Malikapur Barasat  
24 North Parganas, Kolkata-700126**