



Memo No: AC/416/18-19

Dated: 21-01-2019

## **Notice Inviting e-Tender**

Online quotations through website <https://wbtenders.gov.in/> are invited from competent and bonafide vendors/ distributors/ dealers/agents/ manufacturers (OEM authorization certificate is mandatory for all the products) for supply and installation of different hardware, software components of computer laboratory for Netaji Subhas Open University, School of Sciences , Durgapur Regional Campus, Durgapur, West Burdwan, West Bengal subject to the following terms and conditions. Interested bidders are to participate in the bidding process as per specifications and conditions mentioned below in the Annexure - I & II .

Tender Reference No. AC/416/18-19

Tender ID - 2019\_DHE\_209082\_1

### **DATE AND TIME SCHEDULE**

Date of Publication of Tender Online through website <a href="https://wbtenders.gov.in/">https://wbtenders.gov.in/</a>	21.01.2019 after 16.00 Hrs.
Date of Document Download Start	22.01.2019 after 16.00 Hrs.
Date of Pre-Bid Meeting	28.01.2019 at 2.00 pm
Date of Bid Submission Start	29.01.2019 after 16.00 Hrs.
Date of Bid Submission Closing	08.02.2019 before 17.00 Hrs.
Date of Opening of Technical Bid	12.02.2019 at 12.00 Noon
Date of Opening of Financial Bid	To be notified later

Finance Officer  
Netaji Subhas Open University  
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## ANNEXURE - I

### SPECIFICATION OF ITEMS

#### Digital LAB (Networking-Server-UTM-NAS-UPS)

SI No.	Description	Quantity
1	<p>RACK 27U RACK</p> <p><b>Specification:</b></p> <p>Confirms to DIN 41494 standards with rugged structure &amp; screw less appearance.</p> <p>» Full frame is formed with High-quality C.R.C.A steel allowing full assembly structure.</p> <p>» Degreasing, Acidification, Phosphoric, Static Electricity or Powder Coat Surface Finish.</p> <p>» Front lockable door with 5mm thickness Double Toughened Glass supported by metal trims.</p> <p>» Perforated Door also available on request to optimize airflow without additional fans.</p> <p>» Removable Rear Door with handy locking device.</p> <p>» Seamless bayonet mounting to avoid tilting with hook off side panels.</p> <p>» Excellent Air Ventilation Design with Option for AC Cooling Fans</p>	1
2	<p>Power Manager 6 Sockets Horizontal - 5 Amp</p> <p><b>Specification:</b></p> <p>» Dimensional accuracy » High strength</p> <p>» Withstand high pressure » Streamlined durable steel body</p> <p>» Complete with inner wiring » Easy to Mount</p>	2
3	<p><b>Specification:</b></p> <p>» Provides flexibility for front cable management with a neat and clean appearance</p> <p>» 24 Extra-wide slotted ducts offer horizontal front side cable management</p> <p>» Designed to fit all standard 19" racks and enclosures » 1 rack mount space (RMS) (1U)</p> <p>» Durable and Sturdy Plastic Construction</p> <p>» Physical Construction » Depth : 3.5" » Color : Black</p> <p>» Rack Height : 1U » Width : 19" » Height : 1.75"</p>	3
4	<p>Cat 6 24 Port Patch Panel Shuttered I/O Based - 1u</p> <p><b>Specification:</b></p> <p>» Color marking of conductors according to T568B and T568A</p> <p>» Uses Snap-Type frames, eliminating screws on front side of the panel.</p> <p>» Colour frame to avoid confusion each time user need to re-assign user network wiring.</p> <p>» 110E &amp; 110K type IDC termination, allowing Termination accepts 22 to 26 AWG wires</p> <p>» Modern design and mounting simplicity</p> <p>» Numeral marking of ports on the front side of the panel</p> <p>» Cable Guide way to guide the cable on the rear side</p> <p>» PCB Based Module and port identification and circuit identification on the rear.</p> <p>» Usage :- Rack Mount » Housing Material :- Carbon Steel, Powder Coating</p> <p>» Body Colour: Black » Size (W x H) 19" 2 Unit</p> <p>» Loading Capacity 24.Node (RJ-45) » Angle 180 Degree » Termination I110, T568A / T568B » Standards UL</p> <p>» Environmental Temp. R-25°C ~ +60°C » Gold Plating Contact 50U" » Next 46.5 dB » Attenuation 0.42 dB</p> <p>» Max Rated Electric Current 1.5 A » Return Loss 20.4</p>	3



5	<p>Modem Tray (Fixed Type)</p> <p><b>Specification:</b></p> <ul style="list-style-type: none"> <li>» 1U 19" sliding rack tray Constructed from 1.5mm steel.</li> <li>» Fully extendable ball bearing slides enabling quick access to equipment. This 1U Rack-mount sliding rack tray is mountable at both the front and the back</li> <li>» with M6 screws ensuring a secure fitting and can also be used upside down as a sliding rack shelf. The 1U sliding rack tray is available in a black powder coat finish. The four vented sections allow circulation of the air providing better ventilation. This 1U sliding rack tray extends 320mm / 12.6".</li> </ul>	1
6	<p>UTM Three Years 8x5 Bundle Subscription Appliance</p> <p><b>Specification:</b></p> <p><b>Physical attributes</b></p> <ul style="list-style-type: none"> <li>» The proposed vendor must have a track record of continuous improvement in threat detection and must have successfully completed NSS Labs' NGFW Methodology v8.0 testing with a minimum security effectiveness of 99%</li> <li>» Network security appliance should support "Stateful" policy inspection technology. It should also have application intelligence for commonly used TCP/IP protocols like telnet, ftp etc.</li> </ul> <p><b>Interfaces</b></p> <ul style="list-style-type: none"> <li>» 8x GE RJ45 inbuilt interfaces from day one</li> <li>» The Appliance should have 1xUSB and 1xConsole Ports</li> </ul> <p><b>Performance and Availability</b></p> <ul style="list-style-type: none"> <li>» The Firewall should provide minimum 2 Gbps of Firewall throughput for 64 byte packet size, 1,200,000 concurrent sessions, and 25,000 new sessions per second support from day one</li> <li>» Minimum IPS throughput of 300 Mbps for real world traffic or enterprise mix traffic</li> <li>» Minimum Threat Prevention Throughput (measured with Application Control and IPS and Anti-Malware enabled) of 150 Mbps for real world traffic or enterprise mix traffic</li> <li>» Encrypted throughput of IPSec VPN should be minimum 1 Gbps</li> </ul>	1
7	<p>4" Cooling Fan for Rack</p> <p><b>Specification:</b></p> <p>Metel/PVC 4" Cooling Fan</p>	2
8	<p>Cat 6 UTP Cable 4 Pair 23AWG – 305mtrs</p> <p><b>Specification:</b></p> <ul style="list-style-type: none"> <li>» Electrolytic Solid Copper 1x23AWG (1/0.5mm)</li> <li>» Insulation Polyolefin</li> <li>» Medium Density polyethylene »Overall Jacket FRLS, UV Protected »Outer Diameter 6.0 mm</li> <li>» Max Install Tension 100 N »Min Bending Radius Installation: 50mm/Operation: 25mm</li> <li>» Temperature Rating Installation: 0~+50°C / Operation : -20~+60°C</li> </ul>	5



9	<p>Cat 6 Patch Cord - 1 Mtr</p> <p><b>Specification:</b></p> <ul style="list-style-type: none"> <li>» Provides extra security around connector via snagless molded-strain relief.</li> <li>» Maximize your network speed with higher bandwidth. » Performance tested to exceed 250MHz.</li> <li>» Ensures clean and clear transmissions with 50-micron, gold-plated connectors.</li> <li>»Characteristic Impedence 100±150 @ 1 ~ 250MHz »Conductor Construction Bare Stranded Copper</li> <li>»Conductor Resistance 93.80/km/20°C max »Conductor Size 24AWG x 4pairs</li> <li>»Connector Type 50 micron gold-plated connector »Dielectric Strength AC 1.75kV/0.15sec</li> <li>»Flame Retardant Test CM »Operating Temperature 20°C ~ 85°C »Storage Temperature 40°C ~ 60°C</li> <li>»Insulation Material HDPE »Jacket Diameter 5.9±0.15mm »Jacket Material PVC</li> <li>»Mutual Capacitance 56pF/m max</li> <li>»Propagation Delay 536nS/100m max @ 550MHz »Rating 75°C, 300V »Spark Test 2.5kV</li> <li>»Standards Compliance ISO/IEC 11801; TIA/EIA-568-B.2 »Structural Return Loss 8.6dB min at 550MHz</li> </ul>	105
10	<p>Cat 6 Keystone RJ45 - I/O (UTP)</p> <p><b>Specification:</b></p> <ul style="list-style-type: none"> <li>» Provides extra security around connector via snagless molded-strain relief.</li> <li>» Maximize your network speed with higher bandwidth. » Performance tested to exceed 250MHz.</li> <li>» Ensures clean and clear transmissions with 50-micron, gold-plated connectors.</li> <li>»Characteristic Impedence 100±150 @ 1 ~ 250MHz »Conductor Construction Bare Stranded Copper</li> <li>»Conductor Resistance 93.80/km/20°C max »Conductor Size 24AWG x 4pairs</li> <li>»Connector Type 50 micron gold-plated connector »Dielectric Strength AC 1.75kV/0.15sec</li> <li>»Flame Retardant Test CM »Operating Temperature 20°C ~ 85°C »Storage Temperature 40°C ~ 60°C</li> <li>»Insulation Material HDPE »Jacket Diameter 5.9±0.15mm »Jacket Material PVC</li> <li>»Mutual Capacitance 56pF/m max</li> <li>»Propagation Delay 536nS/100m max @ 550MHz »Rating 75°C, 300V »Spark Test 2.5kV</li> <li>»Standards Compliance ISO/IEC 11801; TIA/EIA-568-B.2 »Structural Return Loss 8.6dB min at 550MHz</li> </ul>	52
11	<p>Face Plate Shuttered Single Port</p> <p><b>Specification:</b></p> <ul style="list-style-type: none"> <li>»Material ABS »Standards ISO/IEC 11801 »Dimension 86 x 86mm »Environment temperature 25-45°C</li> <li>»Relative humidity 85% RH at 30 »Atmosphere pressure 70-106kPa »Insulated resistance 2 x 10M/500V DC</li> </ul>	52
12	<p>Back Box For BNFP01 / BNFP02 / BNFP04</p> <p><b>Specification:</b></p> <ul style="list-style-type: none"> <li>» The back box is designed to mount to a wall, floor or other flat surface.</li> <li>» The total Box is made out of Acrylonitrile Butadiene strene (ABS).</li> <li>» Large Knock out's - open to required shape &amp; size of entries.</li> <li>» Tailor made holes suitable for self tapping aluminum screw's for fixing.</li> <li>» Better strength is ensured because it is unbreakable.</li> </ul>	52



13	<p>24 Port Gigabit Rack-mount Switch</p> <p><b>Specification:</b></p> <p>»Key Components:-Realtek RTL8382L + RTL8218B*2 + RTL8231 (LED controller)        »Ports :-24 x Gigabit Ethernet Ports, RJ452*1000Mbps SFP Ports        »Standard:-IEEE802.3 10BASE-T,IEEE802.3u 100BASE-TX Fast Ethernet,IEEE802.3ab 1000BASE-T,IEEE802.3az Gigabit Fiber        Feature:-        »4.1 Mbit packet buffer »8K MAC address table »Jumbo frame up to 9K Bytes        »Green Ethernet »Support Port VLAN        »Link Status Detection Power Saving »Cable Length Detection Power Saving        »RoHS Compliance »Switching Capacity- 52 Gbps        »Store &amp; Forward Switching Method »Wire Speed Reception and Transmission        »4Mbps RAM for data buffering</p> <p>LED Define:-        »Power: Green LED »off: power off or fail »on: power on »Copper port LED: per port 1 LED »Link/Activity:        • off: port disconnected or link fail • Green on: 10M/100M/1000Mbps »connected        • Amber on: 10/100Mbps connected • Blinking: sending or receiving data</p> <p>Power Input:-        »Input : 100-240V AC, 50/60Hz, 1A max. »Output : 5V DC, 3.5A max.        »Dimension:-267(W) x 42(H) x 161(D) mm »FAN Design:-Fan-less »Temperature:-        Operating: 0 ~ 50°C,Storage: -40 ~ 70°C        »Humidity:-10% ~ 90% RH (non-condensing)</p>	3
14	<p>Rack Server</p> <p><b>Specification:</b></p> <p>Rack Server Specification are as follows :</p> <p>»Server Intel Server System 2U Rack »Rack Units :-2U Rack 8Bay 3.5 * 2.5        »Processors 1 X Intel® Xeon® Processor E5-2630 v4 (25M Cache, 2.20 GHz) 10 Cores 28 Threads        »Memory 16X4 GB = 64GB DDR4 ECC LRDIMM, SUPPORTS UPTO 1024GB        »Server Board (Intel) Intel® Server Board S2600CW2R        »Intel Server board supporting two Intel Xeon® Processor E5-2600V3 family up to 145W, 16DIMMs, and two 1-Gb Ethernet ports targeting to use in embedded and web server.        »SSD 240gb Intel SSD Enterprise Class X 2 Units For Os Application        »Ethernet Card 2 Nos. 1GB Ethernet Port. »Hard Disk Drive 2TB Enterprise Sata 3.5 X 2 Units        »Thermal Solution Intel Genuine Thermal Solution »Raid Card Hardware Raid Card H310        »Power Supply 700 Watt t Reduant Power Supply</p>	1



15	<p>NAS 4 BAY with 16 TB HDD.</p> <p><b>Specification:</b></p> <p><b>Hardware</b></p> <p>»CPU:-Marvell ARMADA-7020 1.6GHz (Dual-Core) Processor »Should have Hardware Encryption Engine</p> <p>»Memory :-2GB DDR4 (not expandable) »HDD :-4 x SATA3 6Gb/s; 3.5"/2.5" HDD/SSD</p> <p>»Minimum Internal Raw Capacity :-48 TB (12 TB HDD X 4)(Capacity may vary by RAID types)</p> <p>»Minimum Drive Bays with Expansion Unit :- 12 »Minimum Raw Capacity with Expansion Units :-192 TB (12 TB HDD X 16) (Capacity may vary by RAID types) »Expansion:-USB 3.1 Gen-1 x2 »Network:-Gigabit Ethernet x 2; 10Gigabit Ethernet x1</p> <p>»Size :-170(H) x 174(W) x 230(D) mm »Weight:-2.2 kg / 4.85 lbs</p> <p>»Input Power Voltage :-External Power Adaptor: 90W x1 100V to 240V AC.</p> <p>»Power Consumption :-31.5W (Operation)-17.1W (Disk Hibernation);</p> <p>»Volume Type :-Single disk, JBOD, RAID 0, RAID 1, RAID 5, RAID 6, RAID 10</p> <p>»MyArchiveDisk Bays 3</p> <p><b>Software :-</b></p> <p>»Minimum Number of Users 4096 »Maximum Number of Groups:-512</p> <p>»Minimum Number of Shared Folders:-512</p> <p>»Minimum Number of Concurrent Connections:-512 »Max. No. of Backup Jobs :-</p> <p>Online UPS 10 KVA with battery</p>	1
16	<p><b>Specification:</b></p> <p>»UPS TYPE:-10 KVA (FLOOR MODEL WITH GALVANIC ISOLATION)</p> <p>»INPUT PHASE:-SINGLE PHASE »VOLTAGE RANGE:-160 VAC - 300V AC</p> <p>»FREQUENCY:-50/60 Hz(Auto Sensing) »POWER FACTOR:-0.99</p> <p>»INBUILT ISOLATION :-REQUIRED AT INPUT SIDE »OUTPUT VOLTAGE :- 220 VAC / 230VAC/240VAC</p> <p>»VOLTAGE REGULATION :-+ / - 1% »FREQUENCY:-50/60 Hz +/- .1 Hz</p> <p>»SYNCHRONIZATION RANGE:- 47.5 HZ - 52.5 HZ</p> <p>»VOLTAGE DISTORTION :-&lt;2% (LINEAR LOAD)&lt; 5% (NON-LINEAR LOAD)</p> <p>»OUTPUT WAVEFORM :-PURE SINE WAVE</p> <p>»EFFICIENCY (AC-AC) :-Upto 92% »POWER FACTOR:-0.8 »BACKUP TIME:-60min »Required VAH:-12480 VAH</p> <p>»BATTERY TYPE:-SEALED LEAD ACID MAINTENANCE FREE, LEAD ACID TUBULAR (BATTERY AH &amp; QUANTITY DEPENDING ON BACKUP TIME)</p> <p>»DC VOLTAGE (FLEXIBLE BATTERY CONFIGURATION) 192-240V »CONVERTER MODE AVAILABLE</p> <p>»BYPASS PARAMETERS CONFIGURABLE AVAILABLE »DC BUS VOLTAGE ADJUSTABLE »OPERATING TEMPERATURE :- TO 40°C Continuous</p> <p>»DISPLAY &amp; INDICATION:- LED and LCD DISPLAY »COMMUNICATION INTERFACE:-RS 232 and USB com port</p> <p>»AVAILABLE INTELLIGENT SLOT:-OPTIONAL-SNMP/MODBUS/DRY CONTACTS</p> <p>»SAFETY FN/IEC :- 62040-1 »EMI / EMC:-FN/IEC 62040-2</p>	1
17	<p>LED Monitor 18.5</p> <p><b>Specification:</b></p> <p>» Screen Size:-18.5 or Higher. »Panel Type :-TN »Resolution :-1366X768 or higher. »Brightness(Typ.)::-200cd/m2</p> <p>»Ports:-D-Sub,DVI(D Only),HDMI(H Only) »Key USP:- On Screen Control,Reader Mode,Screen Split,Flicker Safe,My Display Presets,Color Weakness Mode.</p> <p>»Wall Mount:- yes »Certification :- UL (cUL),TUV-Type,FCC-B,CE »Warranty:- Minimum 3 Years</p>	51



18	<p>Zero Client <b>Specification:</b>            »CPU ARM Cortex-A8 1GHz »RAM 512MB DDR3 »Storage 2GB NAND Flash            »Audio:-1 Speaker / 1 Microphone jack,16bits,44.1Khz/ 48Khz audio ,input/output via 3.5mm stereo jacks            »USB:- 4 Ports with 2.0 High-Speed interface, support external hub. »Ethernet 10/100M/1000M BASE-T »Wireless :-Support up to 802.11g*1            Resolution :-            »Normal display resolutions (32 bits @ 60Hz):-640×480, 800×600, 1024×768, 1280×1024, and 1600×1200            »Wide display resolutions (32 bits @ 60Hz):1360×768, 1366×768, 1440×900, 1600×900,1680×1050, and 1920×1080            »Power consumption 5W (without external USB devices)            Size 93(W)x90(D)x18(H) mm            »Video :-Full HD 1080p for all media formats (Host side rendering for local and web-embedded videos on most media players; Client side rendering for local videos on VLC player 2.1.5 or newer versions.)            »Supported USB Peripherals:-            Storage Devices, USB Hubs, Single, Multi-functional &amp; Dot Matrix Printers, Smart Card Reader, Office &amp; POS Scanners, Single Touch Screens, Ukeys, Parallel to USB Convertors, etc; An external power supply may be required for devices working on large voltage.</p>	50
19	<p>Keyboard-Mouse: Brand : Dell/HP/ Logitech with warranty:- Minimum 1 Year</p>	51
20	WinSvrSTDCore 2016 SNGL OLP 16Lic NL Acdmc CoreLic	1
21	WinRmtDsktpSrvcsCAL 2016 SNGL OLP NL Acdmc UsrCAL	50
22	WinSvrCAL 2016 SNGL OLP NL Acdmc UsrCAL	50
23	OfficeStd 2016 SNGL OLP NL Acdmc	51
24	<p><b>Desktop</b> <b>Specification:</b>            Desk Top:-            »Intel Core i3 8th Gen »MB 320 Intel Chipset »4gb DDR4 Memory »1TB Hard Disk »ATX Cabinet With 450Watt Psu            »18.5 Led Monitor »Keyboard and Optical Mouse Usb »Dvd Writer »Windows 10 or higher.            »Office 2016.            Monitor:-            »Screen Size:-18.5 or Higher. »Panel Type :-TN »Resolution :-1366X768 or higher.            »Brightness(Typ.)::-200cd/m2            »Ports:-D-Sub,DVI(D Only),HDMI(H Only) »Wall Mount:- yes            »Key USP:- On Screen Control,Reader Mode,Screen Split,Flicker Safe,My Display Presets,Color Weakness Mode.            »Certification :- UL (cUL),TUV-Type,FCC-B,CE            »Warranty:- Minimum 3 Years</p>	2
25	Installation for networking,Configuration,Electrical Work, Training and Delivery etc.	

Finance Officer  
Netaji Subhas Open University  
DD-26, Sector -1, Salt Lake, Kolkata-700064



## **ANNEXURE – II**

### **GENERAL TERMS & CONDITIONS**

1. The quotation should include the cost of installation and configuration of all the components.
2. The Bidders should have legal compliance such as: (1) GST Number, (2) PAN / TAN &(3) AADHAAR (wherever applicable)(4)Trade License (5) Professional Tax (6) Certificate of Authorization if applicable.
3. The bidders are to participate in the bidding process for the Tender only online at <https://www.wbtenders.gov.in> as per prescribed format (BOQ).
4. Price should be including GST(Please put Total amount of GST of each item in GST Col. of BOQ Sheet).
5. Price shall be quoted in INR only.
7. Incomplete and Conditional Bids will be summarily rejected without assigning any reasons thereof.
8. Tenders must be submitted in two Separate Bids- (1) Technical Bid (2) Financial Bid as specified in Annexure - I. The Technical Bid, if found suitable to meet the specifications noted above, will be followed by Financial Bid.
9. Details of items like Brand, Model,specification of item, brand name, model name & no.,quantity, service centre etc. must be attached.
10. The place of supply & installation is at Durgapur Regional Centre, School of Sciences, Netaji Subhas Open University, Durgapur, West Burdwan. West Bengal.
11. The Bidders should quote all the items (Partial bidding will not be considered).
11. Contact No. 9836060667, 9433151129,9051162059
12. The sum of all items would be taken into consideration to have LOWEST QUOTATION.
13. Quantity of itmes to be supplied may vary at the time of order.
14. The judicature of any legal disputes will be under the Hon'ble High Court, Calcutta.
15. The Authority of NETAJI SUBHAS OPEN UNIVERSITY reserves the right to reject the entire bid received without assigning any reason thereof.
16. The applicant bidders to participate in the bidding process are to fill in the following Formats given in the page No. 9 to 13.

Finance Officer  
Netaji Subhas Open University  
DD-26, Sector -1, Salt Lake, Kolkata-700064  
[Email: sachindrakar@yahoo.in](mailto:sachindrakar@yahoo.in)  
Mobile No: 9432747119

Sachindra Chandra Kar, Finance Officer, Email: sachindrakar@yahoo.in, Mobile No: 9432747119





NETAJI SUBHAS OPEN UNIVERSITY  
DD 26, Sector - I, Salt Lake, Kolkata - 700064  
Website: wbnsou.ac.in, Tele-Fax: 03340663224, Ph: 03340663213

To  
The Finance Officer  
Netaji Subhas Open University  
DD 26, Sector – 1, Salt Lake  
Kolkata – 700064

Ref: Memo No: AC/416/18-19 Dated: 21.01.2019

Sub: Submission of Bid – Technical & Financial with reference to the above.

Sir,

As per guidelines given in the Tender Notice we are quoting the itemwise value and the total amount in the prescribed BOQ format in the Financial bid along with the Technical Credentials supported with relevant documents as applicable. We have read all the terms and conditions given in the Tender Notice and do hereby undertake to obey the rules and regulations of e-Tender.

With regards

Signature with Seal & Date:

Name of Signatory:

Name of Organization:

Mailing Address:

Mobile No of Contact Person:

Email Address of the Organization:



**Check List of General Terms and Conditions:**

Name of the Bidder/Organisation :

Sl. No.	Particulars	Put Y if Yes and N if No.
1.	Copy of GST Registration Certificate attached	
2.	Copy of PAN & TAN attached	
3.	Copy of AADHAAR as applicable attached	
4.	Copy of proof of Trade License attached	
5.	Copy of proof of Enlishment of Professional Tax attached	
6.	Copy of Certificate of Authorization, if applicable, attached	
7.	Specification of Items whether filled in	
8.	Technical Complience whether filled in	

Signature with Seal & Date:



## SPECIFICATIONS OF ITEMS

Name of the Bidder/Organisation :

SI No.	Item	Quantity	Brand Name	Model , if any	Service Centre with Contact No.
1	Rack 27U RACK	1			
2	Power Manager 6 Sockets Horizontal - 5 Amp	2			
3	Cable Manager Sliding Type 1U - PVC	3			
4	Cat 6 24 Port Patch Panel Shuttered I/O Based - 1u	3			
5	Modem Tray (Fixed Type)	1			
6	UTM Three Years 8x5 Bundle Subscription Appliance	1			
7	4" Cooling Fan for Rack	2			
8	Cat 6 UTP Cable 4 Pair 23AWG – 305Mtrs	5			
9	Cat 6 Patch Cord - 1 Mtr	105			
10	Cat 6 Keystone RJ45 - I/O (UTP)	52			
11	Face Plate Shuttered Single Port	52			
12	Back Box For BNFP01 / BNFP02 / BNFP04	52			
13	Switch 24 Port Gigabit Rack-mount Switch	3			
14	Rack Server	1			
15	NAS 4 BAY with 16 TB HDD.	1			
16	Online UPS 10 KVA with battery	1			
17	LED Monitor 18.5	51			
18	Zero Client	50			
19	Keyboard-Mouse	51			



20	WinSvrSTDCore 2016 SNGL OLP 16Lic NL Acdmc CoreLic	1			
21	WinRmtDsktpSrvcsCAL 2016 SNGL OLP NL Acdmc UsrCAL	50			
22	WinSvrCAL 2016 SNGL OLP NL Acdmc UsrCAL	50			
23	OfficeStd 2016 SNGL OLP NL Acdmc	51			
24	Desktop	2			
25	Installation for networking, Configuration, E lectrical Work, Training and Delivery etc.				

#### TECHNICAL COMPLIENCE

SI No.	Item	Warranty	Compliance (Yes/NO)	Datasheet (Yes/NO)	Authorization (Yes/NO)
1	*Rack 27U RACK	-			
2	*Power Manager 6 Sockets Horizontal - 5 Amp	-			
3	*Cable Manager Sliding Type 1U - PVC	-			
4	*Cat 6 24 Port Patch Panel Shuttered I/O Based - 1u	-			
5	*Modem Tray (Fixed Type)	-			
6	*UTM Three Years 8x5 Bundle Subscription Appliance	-			
7	*4" Cooling Fan for Rack	-			
8	*Cat 6 UTP Cable 4 Pair 23AWG – 305Mtrs	-			
9	*Cat 6 Patch Cord - 1 Mtr	-			
10	*Cat 6 Keystone RJ45 - I/O (UTP)	-			
11	*Face Plate Shuttered Single Port	-			
12	*Back Box For BNFP01 / BNFP02 / BNFP04	3 year			
13	*Switch 24 Port Gigabit Rack-mount Switch	3 years			



14	*Rack Server	3 years			
15	*NAS 4 BAY with 16 TB HDD.	1 years			
16	*Online UPS 10 KVA with battery	2 years			
17	*LED Monitor 18.5	3 years			
18	*Zero Client	1 years			
19	*Keyboard-Mouse	1 years			
20	WinSvrSTDCore 2016 SNGL OLP 16Lic NL Acdmc CoreLic				
21	WinRmtDsktpSrvcsCAL 2016 SNGL OLP NL Acdmc UsrCAL				
22	WinSvrCAL 2016 SNGL OLP NL Acdmc UsrCAL				
23	OfficeStd 2016 SNGL OLP NL Acdmc				
24	*Desktop	3 Years			
25	Installation for networking, Configuration, Electrical Work, Training and Delivery etc.				
Note:-Tender Specific OEM authorization certificate is mandatory for all the products					

Signature with Seal & Date:

Enclosures:

1. Copy of GST Registration Certificate
2. Copy of PAN & TAN
3. Copy of proof of Trade License
4. Copy of proof of Enlishment of Professional Tax
5. Certificate of Authorization as applicable

Signature with Seal & Date: