



National Institute of Electronics and Information Technology (NIELIT), Gangtok
(Formerly DOEACC Society, Gangtok Centre)
(A Scientific Body of Dept. of Electronics & Information Technology, Ministry of
Communication & Information Technology, Govt. of India)
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Tender Cost: - Rs. 500/-

Tender Document No.: NIELIT/GTK/Tender/16-17/01

Date: 08/02/2017

Estimated Cost-652000/-

**Invitation of Tender for
Supply and Installation of Network Items and Restructuring/Setting up of LAN Network
at NIELIT, Gangtok**

Schedule of Requirements

Sl. No.	Items	Specifications	Quantity
1	Managed switch		1 Nos.
	Switch Type	28 Ports (24 X UTP Ports and 4 X SFP slots) Gigabit Managed Switch	
	Switching Capacity	56GBPS or better	
	Packet Forwarding Rate	41MPPS or better	
	MAC address table Support	16K entries per device	
	UTP Ports	24 nos. Gigabit UTP ports	
	SFP Slots	4 X 1Gigabit SFP slots	
	L2 Features support	STP & RSTP, IGMP Snooping, Loopback Detection, Flow Control, Link aggregation, Jumbo Frames, neighbor discovery	
	Quality of Service	8 queues per Port, Bandwidth Control, Queue handling	
	Security	Storm Control, ARP Inspection, DHCP Server Screening, SSL, 802.1X Port-based Access Control	
	Authentication	RADIUS, Port-based access control, Supports EAP, OTP, TLS, TTLS, PEAP	
IP Version support	IPv4 & IPv6 both		
2	Unmanaged Switch	24 Port 10/100/1000MBPS Unmanaged Switch	1 Nos.
3	Wireless AP	Wireless N Access Point	2 Nos.
4	Network Rack	6U Wall mountable Rack	4 nos.
5	Patch Panel	24 Ports CAT6 Patch Panel	4 Nos.
6	I/O Box	CAT6 I/O Box with SMB	70 Set
7	Cable	CAT6 UTP Cable Box, Roll of 305Mtr	3 Box (May increase/decrease as per actual requirement]
8	Patch Cord-1Mtr	1Mtr. Patch Cord, CAT6	70 Nos.
9	Patch Cord-2Mtr	2Mtr. Patch Cord, CAT6	70 Nos.
10	PVC Conduit	PVC conduit(Casing/Caping/Pipe)	500 Mtr. (May increase/decrease as per actual requirement]
11	UTM/FIREWALL	Rack mountable hardware based UTM for Securing External Threats and Bandwidth management, Internet/NKN sharing among computers.	1 Nos.

		<p>Product or OEM should be in the Gartner's Magic quadrant for Firewall / UTM / Security segment</p> <p>Firewall throughput should be at least 3Gbps</p> <p>UTM throughput should be at least 500Mbps</p> <p>Should have minimum 7 nos. Gigabit UTP Interfaces for WAN/LAN/DMZ, and Console port for configuring</p> <p>Should have minimum 2GB Memory & 4GB storage</p> <p>Should support at least 8Lacs Concurrent Sessions</p> <p>IPSec VPN throughput: minimum 300 Mbps , Number of IPSec tunnels : minimum 200</p> <p>Should be capable of opening at least 25000 new Sessions per second</p> <p>Static Routes, Policy Based Routing , WRR based Multilink Load Balancing, TCP/IP, PPTP , L2TP/ L2TP Over IPSec, PPPoE, FTP, HTTP, HTTPS, SMTP , SNMP, DHCP, DNS , IPv6-enabled inspection services for applications based on HTTP, FTP, SMTP, ICMP, TCP, and UDP.</p> <p>Dynamic Routing: RIP v1&v2, OSPF, BGP, PIM-SM, Multicast Forwarding</p> <p>Should have features like Anti-Virus, IPS, URL Filtering & Application-Control</p> <p>The system should support console, telnet, browser based configuration</p> <p>Graphical real-time logging and monitoring , Syslog support, Log Viewer Firewall, IPS, Web filter, Anti Virus, Anti Spam.</p> <p>Should have minimum 03(Three) Years full subscriptions for Anti-Virus, IPS, URL Filtering & replacement warranty with 24X7 Technical Assistance Center support</p>	
12	42U Rack	<p>42U Network cum Server Rack, suitable for keeping NKN equipments, Firewall, Servers, Switches etc.</p> <p>Rack should be 800MM Wide,1000MM Deep and Overall height 42U</p> <p>Racks manufactured out of steel sheet punched, formed, welded and Powder coated</p> <p>Rack should be from ISO 9001 Certified Company & UL Listed (Certificates to be furnished)</p> <p>Standard for Racks configuration will be welded frame with side panel and vented top cover</p> <p>Rack should have Front Convex Perforated Door and Dual Perforated door at Rear.</p> <p>Rack should have 2 nos. of removable side panel with slam latch.</p> <p>Rack should have provision to mount racks on Floor</p> <p>Rack should include adopter kit 1 no (loop type)</p>	1 Nos.

		Rack should Conform to DIN 41494 or Equivalent EIA /ISO / EN Standard	
		Rack should have Adjustable mounting depth	
		Rack 4 No Adjustable, 19" verticals with Punched 9mm Square Hole and Universal 12.7mm-15.875mm-15.875mm alternating hole pattern offers greater mounting flexibility, maximizes usable mounting space.	
		Rack should have Numbered U positions,	
		Rack should have 100% assured compatibility with all equipments conforming to DIN 41494 (General industrial standard for equipments)	
		Powder coated finish with seven Tanks pre-treatment process meeting IS	
		Rack should have Proper Grounding & Bonding	
		Rack should have Fan module Mount Provision on top Cover	
		Rack should have Fan tray with 4 nos. 90 CFM Fan	
		Rack should have 2 No Fixed shelf with 715mm depth for mounting non Rack mountable Equipments	
		Rack should have 2 No Power Distribution Units with 12 No 5/15 Indian Round Pin with 32A Rating	
		Rack should have provision for cable entry Exit from Both top & Bottom.	
		Rack should have at least 3 numbers horizontal cable manager	
		Rack should have 1 Packet of mounting hardware, Pack of 20.	
13	Establishment of LAN network using above equipments.	One time Installation & commissioning of all items with 1 year Service Support. Networking work has to be done in 4 floors for 70 nos. nodes and will include installation and configuration of Network Switches, Racks, Access Points, UTM/Firewall, laying of cables, installation of Ethernet I/O points and all other related work to make the Local Area Network functional and thereby providing existing Broadband as well as NKN connectivity to all the 70 nodes.	1 Job

Terms and Conditions of Tender for Supply and Installation of Network Items and Restructuring/Setting up of LAN Network at NIELIT, Gangtok

A. G E N E R A L

BIDDERS MUST QUOTE ONLY IN THE ENCLOSED PROFORMA:

PART B (TECHNICAL DETAILS)

PART C (FINANCIAL DETAILS)

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.
3. The vendors may inspect and survey the site at NIELIT, Gangtok to study the existing setup. The bid price should be inclusive of all incidental/related expenses for supply and installation.
4. Only Original Manufactures / direct dealers having valid manufacturing / dealership license (from manufacturer) wherever applicable and having Support Service Centre in Gangtok/Siliguri should submit tenders. In case of authorized vendors a certificate of dealership from the Original Equipment Manufacturer (OEM) wherever applicable should be attached along with the technical bid.
5. All Hardware, Software is to be delivered in the location mentioned above at the cost to be borne by the Bidders.
6. Appropriate Certification wherever necessary should be attached.
7. The Bidders should provide the client list at Gangtok along with respective addresses and phone no along with the technical bid.
8. Bidders must have experience for more than 3 years in UTM/Firewall/Rack/Switch installation. Valid documents for the same should be provided with the Technical Bid.
9. The bidders are required to send two separate envelopes for the above said item – as described below
 - a) Envelope 1 –
 - I. Containing deposit of Earnest Money Deposit (EMD) in the form of Demand Draft (Detail in Point No. 35, Financial Section).
 - II. Original Manufacturers / direct dealers Certificate (Detail in Point No. 4, General Section),

- III. Client List along with respective addresses and phone no. (Detail in Point No. 7, General Section),
 - IV. Self-declarations stating that they are not blacklisted (Detail in Point No. 11, General Section),
 - V. Last 3 years' experience certificate (Detail in Point No. 8, General Section),
 - VI. Cost of tender document (Detail in Point no- 33, Financial Section) and Technical Bid as prescribed in the Part-A & Part-B.
 - VII. Documents as mentioned in Pt- 16 & 13 (General Section) and Pt- 39 (Financial Section)
- b) Envelope 2 – Containing the Financial bid as prescribed in Part-C.

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

Envelope-1: **“TECHNICAL BID FOR SUPPLY AND INSTALLATION OF NETWORK ITEMS AND RESTRUCTURING/SETTING UP OF LAN NETWORK AT NIELIT, GANGTOK”**

Envelope-2: **“PRICE BID FOR SUPPLY AND INSTALLATION OF NETWORK ITEMS AND RESTRUCTURING/SETTING UP OF LAN NETWORK AT NIELIT, GANGTOK”**

Finally the above mentioned two envelopes should be enclosed in one bigger envelope highlighted as ‘**OFFER FOR FOR SUPPLY AND INSTALLATION OF NETWORK ITEMS AND RESTRUCTURING/SETTING UP OF LAN NETWORK AT NIELIT, GANGTOK**’ along with tender no 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, GANGTOK. The financial bid should not contain anything other than as specified in Part-C below.

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.

10. Sealed Tenders, complete in all respects should reach Director-In-Charge, NIELIT, Gangtok (formerly DOEACC Society, Gangtok Centre), Indira bypass Road, Gangtok – 737101_latest by **3.00 p.m. on 24/02/2017**. Tenders must be dropped in the tender box kept at reception at the aforesaid address. Incomplete tenders or those without Earnest Money will be rejected. Technical bids will be opened at **3.30 p.m. on 24.02.2017** in the presence of the representatives of the Bidders, if any, available at the time of opening of the Technical Bids. Financial Bids will be opened after evaluating the technical bids for which date will be fixed separately. Any further details required by the Bidders(s) can be obtained from Mr. Khagendra Sharma, Scientist-C, mail: khagendra@nielit.gov.in or Mr.

Kaushik Kumar Choudhury, Senior Assistant (Accounts), mail: kkchoudhury@nielit.gov.in of NIELIT, Gangtok.

11. Bidders who are black listed or debarred from participating in any such tender in any Govt. Dept, Universities or Autonomous bodies are not allowed to participate in the tender bid. Bidders have to give self declarations in this respect that they are not black listed as mentioned above and if under any circumstances they are found false their bids will be out rightly rejected.
12. NIELIT, Gangtok reserves the right to reject any or all tender(s) without assigning any reason. Any conditional bids other than mentioned in this tender will be liable for rejection.
13. The Bidders(s) must specifically mention the place with address, phone no. from where support for maintenance would be offered for NIELIT, Gangtok. The installation and warranty services are required in NIELIT, Gangtok. The bidder must provide the plan/arrangement for installation and warranty services to be provided at site. The bidders should have their own branch office/service centre in Gangtok/Siliguri.
14. 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-In-Charge, NIELIT, Gangtok. In all matters and disputes arising hereunder, the appropriate Courts in Gangtok alone shall have jurisdiction to entertain and try them.
15. Bidders(s) will attach duly signed copy of these terms and conditions with the technical bid as a token of acceptance of the same.
16. All pages of the Tender document must be signed and stamped and must be submitted with the Technical Bid. 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, Gangtok 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.
17. Queries, if any, raised by NIELIT, Gangtok should be answered by the prescribed date. In case of no reply bid may be cancelled.
18. 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.
19. 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.

B. TECHNICAL

20. Product Brochure (for Product Category) is to be made available through public accessible website & the same should be submitted with the Tender Document (Technical Bid) as technical reference.
21. All the software packages being procured through this tender along with free software being provided by the Bidders / 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.
22. Bidders will be responsible for supply, installation and configuration, test running and support of the entire setup as per requirement of NIELIT, Gangtok. No additional cost shall be provided to Bidders for such service.
23. Products (wherever applicable) should be compatible with Windows versions as well as Linux.
24. NIELIT, Gangtok reserves the right to reject all or any item, if supplied materials are found defective within 30 days after successful installation.
25. Bidders(s) should specify in the technical bid, compliance [yes/no], make and model no. along with exact specifications / configurations offered for each item wherever applicable in **Part A** enclosed.
26. Any deviation from this specification / configuration may not be allowed during the actual supply and order will be cancelled or EMD will be forfeited if it is done by Bidder without prior written sanction from the Director-In-Charge, NIELIT, Gangtok.
27. Bidders(s) will be responsible for comprehensive maintenance of all Items specified in the technical document, for one year, without any additional charges. UTM/Firewall Should have minimum 03(Three) Years full subscriptions for Anti-Virus, IPS, URL Filtering & replacement warranty with 24X7 Technical Assistance Center support. Any Vendor Quoted for same item (make & spec) with same price but offered additional warranty without any price deviation would get preference in the evaluation process. No additional charge for this will be payable during warranty period.
28. During the warranty, all complaints should be rectified within 24 hours from the time of complaint. Defective equipment/software shall be replaced by the Bidders at his own cost, including the cost of transport, if any.
29. Comprehensive maintenance will cover replacement of all defective parts / equipments.

30. The suppliers shall submit the detailed OEM test reports wherever applicable duly authenticated by competent technical officer of the manufacturing unit concerned for all the models & products wherever applicable.
31. The devices / equipments should be IPV 6 compliant

C. FINANCIAL

32. Bidder has to quote as per format given in Part-C. The lowest (L1) bidder will be selected from the consolidated minimum total price quoted for the supply and installation of the above referred items as a whole.
33. The Director-In-Charge, NIELIT, Gangtok reserves the right to accept any tender or to reject any or all tenders at his/her sole discretion without assigning any reasons thereof. The Director-In-Charge, NIELIT, Gangtok is not bound to accept the lowest bidder. No conditional tendering will be accepted.
34. In case the tender document is downloaded from the Web Site, the Bidders shall have to deposit **cost of tender of Rs. 500/-** separately in the form of Demand Draft in favour of "**NIELIT, Gangtok** " payable at Gangtok between 11.00 a.m. to 5.00 p.m. in all working days (Monday to Friday), which is not refundable. A photocopy of the money receipt must be attached with the sealed Technical Bid.
35. Bids are to be quoted in Indian Rupees only.
36. An Earnest Money Deposit (EMD) amounting **Rs. 13,000/-** must be deposited by Bidders in the form of Demand Draft in favour of "**NIELIT, Gangtok**", payable at Gangtok which will be returned to all except the Bidders(s) selected for supply immediately after the order is placed to the L1 bidder. This amount will be returned to the selected Bidders(s) on acceptance of the material supplied by the Bidders(s). In case the Bidders(s) fails to complete the supply according to the terms of the order, the amount of EMD will be forfeited.

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

37. Prices quoted should be inclusive of all Govt. taxes and levies, incidental charges, insurance, technical service / installation charges and charges for onsite comprehensive warranty for all items specified in the technical document (Hardware and Software). No other charges / taxes / levies shall be payable. Excise Gate Pass, if applicable, to be prepared in the name of '**NIELIT, Gangtok**' which is to be delivered in duplicate with Delivery Challan. We will not issue any Form like C, F etc. or Road Challan/waybill.
38. Hardware / other equipments preferably to be delivered and installed within **four weeks** from the date of issue of the purchase order. In case delivery is not completed within **two weeks** after the specified delivery period, NIELIT, Gangtok may cancel the order and arrange to procure the said items from any other source at the risk and cost of the Bidders(s) and the earnest money will be forfeited.
39. NIELIT, Gangtok will make 90% payment within one month of complete delivery, installation and acceptance of the supplied items. Remaining 10% will be kept as security deposit for the warranty period, it may be released within one Month on submission of Bank Guarantee. The Bank Guarantee amount will be equivalent to 10% of

total value and valid up to warranty period from the date of acceptance of the supplied items installation.

40. 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.

PART - A

Compliance, Make and Model no. details

Sl. No.	Items	Specifications	Make by	Model	Compliance (Yes/No)	Remarks
1	Managed switch					
	Switch Type	28 Ports (24 X UTP Ports and 4 X SFP slots) Gigabit Managed Switch				
	Switching Capacity	56GBPS or better				
	Packet Forwarding Rate	41MPPS or better				
	MAC address table Support	16K entries per device				
	UTP Ports	24 nos. Gigabit UTP ports				
	SFP Slots	4 X 1Gigabit SFP slots				
	L2 Features support	STP & RSTP, IGMP Snooping, Loopback Detection, Flow Control, Link aggregation, Jumbo Frames, neighbor discovery				
	Quality of Service	8 queues per Port, Bandwidth Control, Queue handling				
	Security	Strom Control, ARP Inspection, DHCP Server Screening, SSL, 802.1X Port-based Access Control				
	Authentication	RADUIS, Port-based access control, Supports EAP, OTP, TLS, TTLS, PEAP				
	IP Version support	IPv4 & IPv6 both				
2	Unmanaged Switch	24 Port10/100/1000MBPS Unmanaged Switch				
3	Wireless AP	Wireless N Access Point				
4	Network Rack	6U Wall mountable Rack				
5	Patch Panel	24 Ports CAT6 Patch Panel				
6	I/O Box	CAT6 I/O Box with SMB				
7	Cable	CAT6 UTP Cable Box, Roll of 305Mtr				
8	Patch Cord-1Mtr	1Mtr. Patch Cord, CAT6				

9	Patch Cord-2Mtr	2Mtr. Patch Cord, CAT6				
10	PVC Conduit	PVC conduit (Casing/ Caping/ Pipe)				
11	UTM/FIREWALL	Rack mountable hardware based UTM for Securing External Threats and Bandwidth management, Internet/NKN sharing among computers.				
		Product or OEM should be in the Gartner's Magic quadrant for Firewall / UTM / Security segment				
		Firewall throughput should be at least 3Gbps				
		UTM throughput should be at least 500Mbps				
		Should have minimum 7 nos. Gigabit UTP Interfaces for WAN/LAN/DMZ, and Console port for configuring				
		Should have minimum 2GB Memory & 4GB storage				
		Should support at least 8Lacs Concurrent Sessions				
		IPSec VPN throughput: minimum 300 Mbps , Number of IPSec tunnels : minimum 200				
		Should be capable of opening at least 25000 new Sessions per second				
		Static Routes, Policy Based Routing , WRR based Multilink Load Balancing, TCP/IP, PPTP , L2TP/ L2TP Over IPSec, PPPoE, FTP, HTTP, HTTPS, SMTP , SNMP, DHCP, DNS , IPv6-enabled inspection services for applications based on HTTP, FTP, SMTP, ICMP, TCP, and UDP.				
Dynamic Routing: RIP v1&v2, OSPF, BGP, PIM-SM, Multicast Forwarding						

		Should have features like Anti-Virus, IPS, URL Filtering & Application-Control				
		The system should support console, telnet, browser based configuration				
		Graphical real-time logging and monitoring , Syslog support, Log Viewer Firewall, IPS, Web filter, Anti Virus, Anti Spam,				
		Should have minimum 03(Three) Years full subscriptions for Anti-Virus, IPS, URL Filtering & replacement warranty with 24X7 Technical Assistance Center support				
12	42U Rack	42U Network cum Server Rack, suitable for keeping NKN equipments, Firewall, Servers, Switches etc.				
		Rack should be 800MM Wide,1000MM Deep and Overall height 42U				
		Racks manufactured out of steel sheet punched, formed, welded and Powder coated				
		Rack should be from ISO 9001 Certified Company & UL Listed (Certificates to be furnished)				
		Standard for Racks configuration will be welded frame with side panel and vented top cover				
		Rack should have Front Convex Perforated Door and Dual Perforated door at Rear.				
		Rack should have 2 nos. of removable side panel with slam latch.				
		Rack should have provision to mount racks on Floor				
		Rack should include adopter				

		kit 1 no (loop type)				
		Rack should Conform to DIN 41494 or Equivalent EIA /ISO / EN Standard				
		Rack should have Adjustable mounting depth				
		Rack 4 No Adjustable, 19" verticals with Punched 9mm Square Hole and Universal 12.7mm-15.875mm-15.875mm alternating hole pattern offers greater mounting flexibility, maximizes usable mounting space.				
		Rack should have Numbered U positions,				
		Rack should have 100% assured compatibility with all equipment's conforming to DIN 41494 (General industrial standard for equipments)				
		Powder coated finish with seven Tanks pre-treatment process meeting IS				
		Rack should have Proper Grounding & Bonding				
		Rack should have Fan module Mount Provision on top Cover				
		Rack should have Fan tray with 4 nos. 90 CFM Fan				
		Rack should have 2 No Fixed shelf with 715mm depth for mounting non Rack mountable Equipments				
		Rack should have 2 No Power Distribution Units with 12 No 5/15 Indian Round Pin with 32A Rating				
		Rack should have provision for cable entry Exit from Both top & Bottom.				
		Rack should have atleast 3 numbers horizontal cable manager				

		Rack should have 1 Packet of mounting hardware, Pack of 20.				
13	Establishment of LAN network using above equipments.	One time Installation & commissioning of all items with 1 year Service Support. Networking work has to be done in 3-4 floors for 70 nos. nodes and will include installation and configuration of Network Switches, Racks, Access Points, UTM/Firewall, laying of cables, installation of Ethernet I/O points and all other related work to make the Local Area Network functional and thereby providing existing Broadband as well as NKN connectivity to all the 70 nodes.				

14: Compliance with IPv6 (Yes / No)

(Signature)

Name:

Designation:

Seal

PART - B

TECHNICAL BID

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

1) Name of the Bidder : _____

2) Address of the Bidder : _____

Telephone / Mobile No. :

Fax :

E-mail :

3) Bidder's proposal number and date :

4) Name & Address of the responsible officer :

Telephone / Mobile No. :

Fax :

E-mail :

5) EMD & Cost of tender : Yes/No

Particulars	Demand Draft Date	Demand Draft No.	Drawn on Bank	Amount (Rs.)
EMD				
Cost of tender				

- 6) No. of Client at Gangtok :
(Attach Client list with address)
- 7) Turnover (in last 2 years) : 2014-15
2015-16
- 8) Sales Tax/VAT Registration Certificate : Yes/No
(Attach self attested copy)
- 9) PAN NO. :
(Attach self attested copy)
- 10) Black listed from any Govt. dept,
Autonomous bodies, etc. : Yes/ No
(Attach self declaration)
- 11) I/We have read all the terms and conditions of
the tender and accept them in full : Yes/ No

DECLARATION

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

(Signature)

Name:

Designation:

Seal

N B:

1. Please also enclose necessary others document as per Terms & Condition of Tender document.
2. Please attach duly signed copy of the Terms & Condition and Technical specification as per tender document.

PART - C

COMMERCIAL & PRICE BID

Sl. No.	Items	Quantity	Unit of measurement	Price/ Unit	Total Price
1	Managed switch as per Schedule of Requirements	1	Nos.		
2	Unmanaged Switch (24 Port 10/100/1000 MBPS Unmanaged switch)	1	Nos.		
3	Wireless AP (Wireless N Access Point)	2	Nos.		
4	Network Rack (6U Wall mountable Rack)	4	Nos.		
5	24 Ports CAT6 Patch Panel	4	Nos.		
6	I/O Box (CAT6 I/O Box) with SMB	70	Set		
7	Cable (CAT6 UTP Cable Box, Roll of 305 Mtr)	3	Box		
8	Patch Cord-1Mtr (CAT6)	70	Nos.		
9	Patch Cord-2Mtr (CAT6)	70	Nos.		
10	PVC Conduit (Casing/Caping/Pipe)	500	Mtr.		
11	UTM/FIREWALL as per Schedule of Requirements	1	Nos.		
12	42U Rack as per Schedule of Requirements	1	Nos.		
13	Establishment of LAN network using above equipments. One time Installation & commissioning of all items with 1 year Service Support. Networking work has to be done in 3-4 floors for 70 nos. nodes and will include installation and configuration of Network Switches, Racks, Access	1	Job		

	Points, UTM/Firewall, laying of cables, installation of Ethernet I/O points and all other related work to make the Local Area Network functional and thereby providing existing Broadband as well as NKN connectivity to all the 70 nodes.				
14	Taxes, duties, octroi and any other statutory levies or charges (if any)				
15	Total Price (inclusive all)				
16	Total Price in words (inclusive all)				

(Signature)

Name:

Designation:

Seal

N B:

- Please duly sign the all pages of commercial & price bid with seal.
- Rates should be quoted in words as well as in figures. In case of any variations rates quoted in words shall be taken into account