भारतीय सूचना प्रौद्योगिकी संस्थान, इलाहाबाद
Indian Institute of Information Technology, Allahabad
An Institute of National Importance by Act of Parliament
Deoghat, Jhalwa, Allahabad-211015 (U.P.) INDIA

Ph.: 0532-2922025, 2922067, Fax : 0532-2430006, Web : www.iiita.ac.in, E-mail : contact@iiita.ac.in

Ref no. IIIT-A/ENQ/Purchase/434/5 44/2018
Date: 11/12/2018

TENDER NOTICE

1. Sealed tenders are invited under **Two Bid Systems** for the **Supply, Installation, commissioning and testing of Gigabit ethernet managed switch** at Indian Institute of Information Technology, Allahabad. The detailed specifications and terms & conditions are given in **Annexure I, II, III, IV, V, VI, VII, VIII, IX.** Tender document may be downloaded from the Institute website www.iiita.ac.in.

2. Tenderers are requested to submit the quotation by courier/speed post with complete details of specifications, terms & conditions, warranty/guarantee etc. Quotation should be in two separate sealed envelopes "Technical Bid" and "Commercial Bid" and placed in a single envelope with name of the tender, ref. number and closing date superscripted on the top of the envelope addressed to the Faculty In-charge Purchase, IIIT-Allahabad **upto–09/01/2019, 12:00 Noon.** Quotations duly sealed may also be dropped in the tender box placed in the office of the Faculty In-charge, Purchase, IIIT-Allahabad. Basic rate, taxes and other charges if applicable etc. must be quoted separately, F.O.R. destination at IIIT-A, Jhalwa, Allahabad. Please note that tender document will not be accepted after the expiry of stipulated date and time for the purpose.

3. Details of Bank account of Firm for returned of EMD and/or Performance Security

   Bank's Account Holder Name:...
   Type of Account Name:...
   Address of Branch:..
   Account No:..
   IFSC Code:...

4. **E.M.D.:** EMD fee Rs.1,30,000/- (One Lakh Thirty Thousand Only) should be directly transfer into the bank account (IIIT-A General AC) of Indian Institute of Information Technology Allahabad through RTGS/NEFT and the tender document should be accompanied with the transaction receipt of RTGS/NEFT (Any bid without EMD fee receipt will not be considered). EMD receipt should be enclosed with the Technical Bid document.

   All the transaction for EMD/ Bank Guarantee/ Performance Guarantee/ Security Deposit etc. should be directly transfer into the bank account (IIIT-A General AC) of Indian Institute of Information Technology Allahabad through RTGS/NEFT.

   The detail of institute's Bank account is as below;

   Bank Account Name: IIIT-A General AC
   Bank Name: Indian Overseas Bank
   Address: 61, M.G. Marg, Civil Lines, Allahabad
   Account No.: 035001000060976
   IFSC Code: IOBA0000350

   Amount of EMD as below:

S.No	Description	EMD Amount	Transaction No. & Date
1.	Supply, Installation, commissioning, testing of Gigabit ethernet managed switch	₹1,30,000/-	

5. The Technical Bids will be opened in the presence of the tenderers, or authorized representatives interested to be present on **09/01/2018 at 4:00 PM.** Financial bid of technically qualified firm will be opened on **16/01/2019 at 4:00 PM.** Information to technically qualified firms will be sent

through email. Vendors are desired to submit their authorization letter along with a photocopy of their photo identity card. Only one representative will be allowed to attend the technical/financial bid for a particular firm. Please carry the same original proof of identity for verification purpose at the time of opening of tender/enquiry. The date fixed for opening of bids, if subsequently declared as holiday by the Government, the revised date of schedule will be notified. However, in absence of such notification, the bids will be opened on next working date, the time remaining unaltered. For any queries regarding the tender, please send a mail to info.purchase@iiita.ac.in.
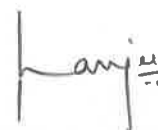
Assistant Registrar (Purchase)

Copy to:
> PS to Hon'ble Director- for kind information to Hon'ble director please.

General Terms and Conditions of the Tender

1. Kindly mention enquiry number, subject, due date, contact address etc., on your quotation. Incomplete quotation will not be accepted.

2. **ONE BID PER BIDDER:** - Each Bidder shall submit only one Bid, either individually or as a partner in a joint venture. A Bidder who submits or participates in more than one Bid (other than as a sub - contractor) shall cause all Bids with the Bidder's participation to be disqualified and EMD will be forfeited and legal action will be taken.

3. **CLARIFICATION OF BIDDING DOCUMENTS:** -Any prospective Bidder requesting any clarification on any contents in the Bidding Documents may notify the contact person of the Purchase Section IIIT Allahabad stated in the cover note to these Bidding Documents in writing in conventional manner. The IIIT Allahabad will issue a clarification note in respect to any, in the opinion of the IIIT A, reasonable request for clarification on the contents in the Bidding Documents, which it receives no later than seven (7) calendar days prior to the deadline for the receipt of Bids.

4. **DETERMINATION OF THE SUCCESSFUL BIDDER:** - The Bidder meeting the minimum eligibility criteria with the lowest bid price in the respective category of OEM, subject to arithmetical correction, shall be deemed as the successful Bidder. In the event of more than one bidder with the lowest price bids (say equal), the bidder with the highest 'cumulative annual turnover of the last 3 financial year would be deemed as 'Successful Bidder' with respect to the submission of proof of documents as submitted by the bidder.

5. Institute is eligible for concessional custom duty (CD applicable to IIIT Allahabad is 5.15%) which is payable for imported items.

6. **Maximum Education Discount:** - Maximum educational discounts should be applied, Therefore, may incorporate suitable clause on educational discount specifically in the tender document.

7. Installation, demonstration, and training-sessions at IIIT Allahabad will have to be provided by the manufacturer or the vendor for the quoted system free of cost. This is required for handholding the equipment's for certain period of time.

8. The institute reserves the right to withhold placement of final order. The right to reject all or any of the bids without assigning any reason is reserved.

9. **Bid:** The tenders are to be submitted in two part viz. **"Technical Bid" and "Financial Bid"** in two separate sealed envelopes separately. The Financial Bid will be opened only after acceptance of "Technical Bid".

10. Detailed specifications, catalogue/literature of all the items quoted should be supplied with the technical bid.

11. Vendors are desired to quote rates of all items listed as annexure-V. Failing which tender will not be considered.

12. **Warranty:** Warranty will start from the date of successful installation report at IIIT-A. Warranty start and end date should be clearly mentioned in the bill and warranty card duly signed & stamped, if applicable. Warranty/Guarantee should be clearly mentioned. The Warranty must start from the date of successful commissioning of equipments at IIIT Allahabad.

13. **SECURITY DEPOSIT:** The successful bidder has to deposit Performance Security Deposit which will be equivalent to 10% of the contract value in favour of 'IIIT-Allahabad', which has to be electronically transfer through the RTGS/NEFT into the bank account of Institute as mentioned below:

    Account Name: IIITA General AC
    Bank Name: Indian Overseas Bank
    Address: 61, M.G. Marg, Civil Lines, Allahabad
    Account No.: 035001000060976
    IFSC Code: IOBA0000350

14. Security deposit should remain valid for a period of sixty days beyond the warranty period. **No interest shall be paid on Performance Security.** The Performance Security will be forfeited by order of the Competent Authority in the event of any breach or negligence or non-observance of any terms & conditions of the contract or for unsatisfactory performance or for non- acceptance of the supply order. EMD will be released after receiving of transaction receipt of RTGS/NEFT of security amount.

15. **Delivery Schedule:** The supply period shall commence from the date of issue of purchase order and completion period will be strictly 4-5 weeks.

16. **Payment:** 90% payment after successful supply, installation, testing & commissioning and balance 10% will release after 3 months after successful commissioning.

17. **Penalty:** If the supply delayed beyond the stipulated time of completion of supply, penalty of 1% per weeks and maximum up to 10% of the total cost may be imposed at the discretion of competent authority.

18. **Exemption:** The institute is exempted from custom in terms of notification No. 51/96-custom dated 23/07/96 and is an University established under M.H.R.D. Govt. of India. Certificate to this if, required shall be provided by the Institute.

19. **Transit Permit (E way bill) :** Transit road permit in the prescribe proforma shall be made available as per rule by the Institute on the request of the supplier if, required.

20. **Price Basis & applicable Tax claim:** Price should be quoted by interested tenderer inclusive of all up to F.O.R. IIITA, Allahabad basis. Vendor should clearly mention the Rate of applicable GST Tax separately, if firm will not mention the Taxes clearly on their Price Quotation, IIIT - Allahabad will assume that the quoted price is inclusive of all and no extra amount at a later stage shall be paid by IIIT, Allahabad on account of Taxes.

21. If it is found that items are fake or of sub-standard quality and not conforming to the required specifications, the firm will have to replace the fake/ sub-standard items with genuine ones immediately but they will also be liable to be blacklisted.

22. Rate quoted by the firm should not be higher than the MRP/ prevailing market rate.

23. The AMC will be valid for one year from the date of the award, following which the contract may be renewed after satisfactory performance report from the site in-charge/ competent authority.

24. The firm will ensure that the necessary spares are available either at IIIT-A campus, delivered within 2 to 3 weeks or as per spare/replacement part availability with Original Equipment Manufacturer (OEM) of a device failure or issue being reported. Agency will have to provide alternate arrangements for operationalizing services till the availability of the spare part.

25. Conditional quotations are liable to be rejected. In the event of acceptance, Director's decision will be final. The rates should be quoted as per our required specifications.

26. The rates should be quoted in Indian rupees. Evaluation of offers will be made on the basis of total amount of all items inclusive of all charges, taxes, duties, etc., for the indicated quantity in the attached format. Rate for all the items is to be quoted by the tenderer. In case of any item has not been quoted by any bidder that bid for such items will be loaded with the highest rate received for that item as evaluation is to be done on the total amount of all the items for the indicated quantity. However, while awarding the rate contract successful bidder has to supply all the items and for those items for which bidder has not quoted the rates will get the lowest rate received in the tender. Every bidder has to agree to this condition failing which its offer will not be considered for award of work.

27. The right to accept or reject any tender/ quotation, partially or wholly, including lowest quotation without assigning any reason whatsoever thereof or incurring any liability thereby is reserved with the Director, IIIT, Allahabad. The Director, also reserves the right to split the tender and place the orders for supply of item(s), mentioned in the enquiry letter on one or more tenderer. The decision of the Director, with regard to enforcement of these terms and conditions herein contained, as a result of breach of these conditions by successful Tenderer/s, shall be final and the Director, shall not be liable for any damage/liability put forth by the Tenderers at any stage of the transaction arising out of the enforcement of any or all herein contained terms and conditions.

28. Payment will be made within fifteen days after completion of work, satisfactory inspection & satisfactory report. No conditions/clause with regard to interest etc. shall be entertained.

29. The quantity shown in this tender is only approximate requirement and is subject to alteration at the time of placing the supply order and during the pendency of the quotation it will be binding on the part of the successful Tenderers to honour and comply with such orders placed by this Institute.

30. All the documents submitted must be legible and self-attested. Otherwise it is likely to be rejected.

31. In case the firm fails to complete the job within maximum specified period, Institute reserves the right to get the job done by any other firm and the difference of cost if any, will be recovered from the defaulting firm.

32. Tenderers responding to this enquiry shall be deemed to be agreeable to the terms and conditions herein contained. These terms and conditions shall be binding on the part of the successful tenderer.

33. Tenderer should take into account any corrigendum published on the Tender document before submitting their bids. All such corrigendum will be placed on IIIT-A website www.iiita.ac.in Intending tenderers are advised to visit www.iiita.ac.in for regular update, if any, till the closing date of tender for any corrigendum/ addendum/ amendment. IIITA will not be responsible for ignorance of corrigendum.

34. Tender must be quoted in prescribed format on the company/firm letter head.

35. If any defect is found in transit it will be the sole responsibility of the supplier to get it corrected and installed as desired by the user.

36. Quoted rate should be valid at least for 03 months. Quantity may be increase or decrease as per requirement.

37. The firm/company's black listed at any stage need not to apply, Agency need to submit undertaking for the same.

38. All pages of the tender documents are to be signed and stamped by the tendering firm.

39. Director, Indian Institute of Information Technology, Allahabad reserves the right to reject or accept any tender.

40. Director, Indian Institute of Information Technology, Allahabad will be the sole arbitrator of all the dispute and his decision will be binding on both the parties.

41. Director, Indian Institute of Information Technology, Allahabad reserves the right to alter/modify any or all conditions of this tender notice.

42. Quotation should be addressed to Faculty In charge Purchase, Indian Institute of Information Technology,Deoghat, Jhalwa Allahabad-211015 (U.P.) India.

43. For any technical queries, please contact Sh. Ajay Kumar Tiwari, Technical Officer (0532-292-2153).

44. All disputes are subject to Jurisdiction of Allahabad.

For any query pertaining to this bid correspondence may be addressed to

Faculty In Charge Purchase
Indian Institute of Information Technology,
Deoghat, Jhalwa
Allahabad-211015
Phone: +91 0532-2922051
E-mail: info.purchase@iiita.ac.in

Assistant Registrar (Purchase)

Certified that the information in the proforma is true. I/We agree to the contents of terms & condition of the quotation/tender.

Seal and Signature of the Proprietor/Authorized Representative

Technical Terms and conditions

1. **Supplier Capability:** The bidder should have Technical expertise in Computer Networking which includes installation, commissioning etc. as per requirement.

2. **Installation, Warranty & Training:** The vendor shall install and configure all supplied switches under guidance of Network Committee.

3. **Financial Capacity:** Annual Turnover of the firm should be 35 Lakh or more for the last three financial years i.e. 2015-16, 2016-17 & 2017-18. **In proof of having fully adhered to minimum eligibility criteria, attested copy of the audited balance sheets Profit and Loss Account three financial year i.e. for (2015-16, 2016-17 & 2017-18) shall only be acceptable.**

4. The firm must have supplied systems to government institutions of national and/or international repute without producing such certificate (attested copy) the bidder will not qualify and the bids will summarily rejected without assigning reason for them. In proof of having fully adhered to minimum eligibility criteria, attested copy of work order /experience certificate issued by the respective Government organization shall only be acceptable]

5. The vendor should have supplied minimum order of 65 Lakh or above for the similar types of items during the last two financial year separately (i.e. financial year -2016-17 & 2017-18) (Documentary proof supply/purchase order required).

6. The tenderer should give full details of being the manufacturer or sole distributor or reseller of the items with documentary evidence/authorization letter.

7. **OEM/Authorizations:** The Bidder should either be the OEM or authorized service dealer for last one-year prior submission to bidand Tender specific authorization certificate is required. Relevant proof in support shall be submitted alongwith bid documents. In proof of having fully adhered to minimum eligibility criteria, attested copy of OEM/Authorization of OEM shall only be acceptable.

<div align="right">Signature of the tenderer
Seal of the firm</div>

Bill of Quantity
(To be attached with technical bid)

Sr no.	Particular	Qty.
1.	24 port managed Gigabit switch with 24 port PoE support, lifetime or 15-year onsite warranty (As per Annexure VII)	25
2.	24 port managed Gigabit switch with lifetime or 15-year onsite warranty (As per Annexure VIII)	25
3.	Single Mode Transceiver compatible with the supplied switch, Same make and model as of Switch is supplied for best compatibility	25

Signature of the tenderer

Seal of the firm

Technical Bid *

(On letter head of the Firm & in a separately sealed envelope)

PROFORMA FOR APPLICATION

1. Name of the firm :- ....

2. Address of the firm :- ....

....

3. Mobile Number :-....................................

4. Proprietor's name: - ....

5. Address of Proprietor: - ....

6.Proprietor's Mobile No. :- ....

7.Email Id: ....

   (for official communication)

8.Details of the firm:-

(a)Date from which the firm is operating: - ....

(b)Turnover of the firm during: -FY 2015-16 (₹)-----------------

                               FY 2016-17 (₹)-----------------

                               FY 2017-18 (₹)-----------------

(Please attach documentary evidence)

(c) PAN No. :- ....

(d) GSTNo. :- ....

* Mandatory to fill all the above details.

Technical Compliance

(To be attached with technical bid)

(1) 24 Port PoE Switch

S. No	Feature	Specifications	Compliance Yes/No	Deviation if any
1	General Features	The switch should support a minimum of 24 nos. 10/100/1000 Ethernet PoE Ports with 370 Watts PoE budget.		
		The switch should support a minimum of 4 SFP Uplinks		
		The switch should support 4x1G SFP modules		
		The switch should support a total of 28 Ports		
2	Performance and Scalability	The switch should support Forwarding bandwidth of 108 Gbps		
		The switch should support Full-duplex Switching bandwidth of 216 Gbps		
		The switch should support 64-Byte Packet Forwarding Rate of 71.4 Mpps		
		The switch should support 128 MB of Flash memory		
		The switch should support 512 MB of DRAM		
		The switch should support 1023 VLANs		
		The switch should support 4096 VLAN IDs		
		The switch should support Jumbo frames of 9216 bytes		
		The switch should support Maximum transmission unit (MTU) of 9198 bytes		
		The switch should support 16000 Unicast MAC addresses		
3	Dimension	The Switch should be 1RU		
		The switch should support Operating temperature up to 5000 ft (1500 m) -5° to 45°C		
		The switch should support Operating relative humidity 10% to 95% noncondensing		
4	Stacking	The switch should support Stacking		
		Stacking should enable all switches to function as a single unit		
		The switch should support an optional Stacking Port		
		Stacking module should be Hot-swappable		
		Stacking should support a minimum of 2 or more Switches		
		Stacking should support a maximum of 8 Switches		
		Stacking should support 80 Gbps of throughput		
		Stacking should support single IP address management for the group of switches		
		Stacking should support single configuration		
		Stacking should support simplified switch upgrade		

		Stacking should support automatic upgrade when the master switch receives a new software version		
		Stacking should support stacking cable length of 3m		
		Stacking should support QoS to be configured across the entire stack		
5	**PoE & PoE+**	The switch should support PoE (IEEE 802.3af)		
		The switch should support PoE+ (IEEE 802.3at)		
		The switch should support flexible power allocation across all ports		
		The switch should have 370W of Available PoE Power		
		The switch should support Per port power consumption to specify maximum power setting on an individual port		
		The switch should support Per port PoE power sensing to measure actual power being drawn		
		The switch should support protocol to allow switch to negotiate a more granular power setting of IEEE classified devices		
		The switch should support a PoE MIB to get visibility into power usage		
		The switch should support a PoE MIB to set different power-level thresholds		
6	**Power Supply**	The switch should support an auto-ranging power supply with input voltages between 100 and 240V AC		
		The switch should support an External Redundant Power Supply		
7	**Standards**	The switch should support IEEE 802.1D Spanning Tree Protocol		
		The switch should support IEEE 802.1p		
		The switch should support IEEE 802.1Q Trunking		
		The switch should support IEEE 802.1s Multiple Spanning Tree (MSTP)		
		The switch should support IEEE 802.1w Rapid Spanning Tree (RSTP)		
		The switch should support IEEE 802.1x		
		The switch should support IEEE 802.1ab (LLDP)		
		The switch should support IEEE 802.3ad Link Aggregation Control Protocol (LACP)		
		The switch should support RMON I and II standards		
		The switch should support SNMP v1, v2c, and v3		
8	**Layer-2 Features**	The switch should support Automatic Negotiation of Trunking Protocol, to help minimize the configuration & errors		
		The switch should support IEEE 802.1Q VLAN encapsulation		
		The switch should support Centralized VLAN Management. VLANs created on the Core Switches should be propagated automatically		

			The switch should support Spanning-tree Port Fast and Port Fast guard for fast convergence		
			The switch should support Uplink Fast & Backbone Fast technologies to help ensure quick failover recovery, enhancing overall network stability and reliability		
			The switch should support Spanning-tree root guard to prevent other edge switches becoming the root bridge.		
			The switch should support IGMP filtering		
			The switch should support discovery of theneighbouring device of the same vendor giving the details about the platform, IP Address, Link connected through etc, thus helping in troubleshooting connectivity problems.		
			The switch should support Per-port broadcast storm control to prevent faulty end stations from degrading overall systems performance		
			The switch should support Per-port multicast storm control to prevent faulty end stations from degrading overall systems performance		
			The switch should support Per-port unicast storm control to prevent faulty end stations from degrading overall systems performance		
			The switch should support Voice VLAN to simplify IP telephony installations by keeping voice traffic on a separate VLAN		
			The switch should support Unidirectional Link Detection Protocol (UDLD) and Aggressive UDLD to allow for unidirectional links caused by incorrect fiber-optic wiring or port faults to be detected and disabled on fiber-optic interfaces.		
			The switch should support Local Proxy Address Resolution Protocol (ARP) working in conjunction with Private VLAN Edge to minimize broadcasts and maximize available bandwidth.		
			The switch should support IGMP v1, v2 & v3 Snooping		
			The switch should support IGMP Snooping Timer		
			The switch should support IGMP Throttling		
			The switch should support IGMP Querier		
			The switch should support Configurable IGMP Leave Timer		
			The switch should support MVR (Multicast VLAN Registration)		
9	L3 Features		The switch should support Inter-VLAN routing		
			The switch should support IPv4 unicast Static Routing		
			The switch should support 16 IPv4 Static routes		
10	Smart Operations		The switch should support configuration of the Software image and switch configuration without user intervention		
			The switch should support automatic configuration as devices connect to the switch port		

			The switch should support diagnostic commands to debug issues		
			The switch should support system health checks within the switch		
			The switch should support Online Diagnostics		
11		Quality of Service (QoS) & Control	The switch should support 4 egress queues per port to enable differentiated management		
			The switch should support scheduling techniques for Qos		
			The switch should support Weighted tail drop (WTD) to provide congestion avoidance		
			The switch should support Standard 802.1p CoS field classification		
			The switch should support Differentiated services code point (DSCP) field classification		
			The switch should support Control- and Data-plane QoS ACLs		
			The switch should support Strict priority queuing mechanisms		
			The switch should support Rate Limiting function to guarantee bandwidth		
			The switch should support rate limiting based on source and destination IP address		
			The switch should support rate limiting based on source and destination MAC address		
			The switch should support rate limiting based on Layer 4 TCP and UDP information		
			The switch should support availability of up to 256 aggregate or individual polices per port.		
12		Management	The switch should support Command Line Interface (CLI) support for configuration & troubleshooting purposes.		
			The switch should support four RMON groups (history, statistics, alarms, and events) for enhanced traffic management, monitoring, and analysis		
			The switch should support Layer 2 trace route to ease troubleshooting by identifying the physical path that a packet takes from source to destination.		
			The switch should support Trivial File Transfer Protocol (TFTP) to reduce the cost of administering software upgrades by downloading from a centralized location.		
			The switch should support SNMP v1, v2c, and v3 of-band management.		
			The switch should support Telnet interface support for comprehensive in-band management of-band management.		
			The switch should support CLI-based management console to provide detailed out-of-band management.		
			The switch should support Serial Console Port		
			The switch should support USB Console Port		

		The switch should support SNMPv1, SNMPv2c, and SNMPv3			
13	Network security features	The switch should support IEEE 802.1x to allow dynamic, port-based security, providing user authentication.			
		The switch should support Port-based ACLs for Layer 2 interfaces to allow application of security policies on individual switch ports.			
		The switch should support SSHv2 and SNMPv3 to provide network security by encrypting administrator traffic during Telnet and SNMP sessions.			
		The switch should support TACACS+ and RADIUS authentication enable centralized control of the switch and restrict unauthorized users from altering the configuration.			
		The switch should support MAC address notification to allow administrators to be notified of users added to or removed from the network.			
		The switch should support Port security to secure the access to an access or trunk port based on MAC address.			
		The switch should support Multilevel security on console access to prevent unauthorized users from altering the switch configuration.			
		The switch should support Private VLAN			
14	IPv6 Features	The switch should be on the approved list of IPv6 Ready Logo phase II - Host			
		The switch should support IPv6 unicast Static Routing			
		The switch should support 16 IPv6 Static routes			
		The switch should support IPv6 MLDv1 & v2 Snooping			
		The switch should support IPv6 Host support for IPv6 Addressing			
		The switch should support IPv6 Host support for IPv6 Option processing			
		The switch should support IPv6 Host support for IPv6 Fragmentation			
		The switch should support IPv6 Host support for IPv6 ICMPv6			
		The switch should support IPv6 Host support for IPv6 TCP/UDP over IPv6			
		The switch should support IPv6 Host support for IPv6 Ping			
		The switch should support IPv6 Host support for IPv6 Traceroute			

(2) 24 Port non PoE Switch

S. No	Feature	Specifications	Compliance Yes/No	Deviation if any
1	General Features	The switch should support a minimum of 24 nos. 10/100/1000 Ethernet Ports		
		The switch should support a minimum of 4 SFP Uplinks		
		The switch should support 4x1G SFP modules		
		The switch should support a total of 28 Ports		
2	Performance and Scalability	The switch should support Forwarding bandwidth of 108 Gbps		
		The switch should support Full-duplex Switching bandwidth of 216 Gbps		
		The switch should support 64-Byte Packet Forwarding Rate of 71.4 Mpps		
		The switch should support 128 MB of Flash memory		
		The switch should support 512 MB of DRAM		
		The switch should support 1023 VLANs		
		The switch should support 4096 VLAN IDs		
		The switch should support Jumbo frames of 9216 bytes		
		The switch should support Maximum transmission unit (MTU) of 9198 bytes		
		The switch should support 16000 Unicast MAC addresses		
3	Dimension	The Switch should be 1RU		
		The switch should support Operating temperature up to 5000 ft (1500 m) -5° to 45°C		
		The switch should support Operating relative humidity 10% to 95% noncondensing		
4	Stacking	The switch should support physical / dedicated stacking ports in addition to base ports with min. stacking bandwidth of 80Gbps		
		Stacking should enable all switches to function as a single unit		
		The switch should support an optional Stacking Port		
		Stacking module should be Hot-swappable		
		Stacking should support a minimum of 2 or more Switches		
		Stacking should support a maximum of 8 Switches		
		Stacking should support 80 Gbps of throughput		
		Stacking should support single IP address management for the group of switches		
		Stacking should support single configuration		
		Stacking should support simplified switch upgrade		

		Stacking should support automatic upgrade when the master switch receives a new software version		
		Stacking should support stacking cable length of 3m		
		Stacking should support QoS to be configured across the entire stack		
5	**Power Supply**	The switch should support an auto-ranging power supply with input voltages between 100 and 240V AC		
		The switch should support an External Redundant Power Supply		
6	**Standards**	The switch should support IEEE 802.1D Spanning Tree Protocol		
		The switch should support IEEE 802.1p		
		The switch should support IEEE 802.1Q Trunking		
		The switch should support IEEE 802.1s Multiple Spanning Tree (MSTP)		
		The switch should support IEEE 802.1w Rapid Spanning Tree (RSTP)		
		The switch should support IEEE 802.1x		
		The switch should support IEEE 802.1ab (LLDP)		
		The switch should support IEEE 802.3ad Link Aggregation Control Protocol (LACP)		
		The switch should support RMON I and II standards		
		The switch should support SNMP v1, v2c, and v3		
7	**Layer-2 Features**	The switch should support Automatic Negotiation of Trunking Protocol, to help minimize the configuration & errors		
		The switch should support IEEE 802.1Q VLAN encapsulation		
		The switch should support Centralized VLAN Management. VLANs created on the Core Switches should be propagated automatically		
		The switch should support Spanning-tree Port Fast and Port Fast guard for fast convergence		
		The switch should support Uplink Fast & Backbone Fast technologies to help ensure quick failover recovery, enhancing overall network stability and reliability		
		The switch should support Spanning-tree root guard to prevent other edge switches becoming the root bridge.		
		The switch should support IGMP filtering		
		The switch should support discovery of theneighbouring device of the same vendor giving the details about the platform, IP Address, Link connected through etc, thus helping in troubleshooting connectivity problems.		
		The switch should support Per-port broadcast storm control to prevent faulty end stations from degrading overall systems performance		

		The switch should support Per-port multicast storm control to prevent faulty end stations from degrading overall systems performance			
		The switch should support Per-port unicast storm control to prevent faulty end stations from degrading overall systems performance			
		The switch should support Voice VLAN to simplify IP telephony installations by keeping voice traffic on a separate VLAN			
		The switch should support Unidirectional Link Detection Protocol (UDLD) and Aggressive UDLD to allow for unidirectional links caused by incorrect fibre-optic wiring or port faults to be detected and disabled on fibre-optic interfaces.			
		The switch should support Local Proxy Address Resolution Protocol (ARP) working in conjunction with Private VLAN Edge to minimize broadcasts and maximize available bandwidth.			
		The switch should support IGMP v1, v2 & v3 Snooping			
		The switch should support IGMP Snooping Timer			
		The switch should support IGMP Throttling			
		The switch should support IGMP Querier			
		The switch should support Configurable IGMP Leave Timer			
		The switch should support MVR (Multicast VLAN Registration)			
8	L3 Features	The switch should support Inter-VLAN routing			
		The switch should support IPv4 unicast Static Routing			
		The switch should support 16 IPv4 Static routes			
9	Smart Operations	The switch should support configuration of the Software image and switch configuration without user intervention			
		The switch should support automatic configuration as devices connect to the switch port			
		The switch should support diagnostic commands to debug issues			
		The switch should support system health checks within the switch			
		The switch should support Online Diagnostics			
10	Quality of Service (QoS) & Control	The switch should support 4 egress queues per port to enable differentiated management			
		The switch should support rate limiting based on Layer 4 TCP and UDP information			
		The switch should support availability of up to 256 aggregate or individual polices per port.			
11	Management	The switch should support Command Line Interface (CLI) support for configuration & troubleshooting purposes.			
		The switch should support four RMON groups (history, statistics, alarms, and events) for			

		enhanced traffic management, monitoring, and analysis		
		The switch should support Layer 2 trace route to ease troubleshooting by identifying the physical path that a packet takes from source to destination.		
		The switch should support Trivial File Transfer Protocol (TFTP) to reduce the cost of administering software upgrades by downloading from a centralized location.		
		The switch should support SNMP v1, v2c, and v3 of-band management.		
		The switch should support Serial Console Port		
		The switch should support USB Console Port		
		The switch should support SNMPv1, SNMPv2c, and SNMPv3		
12	Network security features	The switch should support IEEE 802.1x to allow dynamic, port-based security, providing user authentication.		
		The switch should support Port-based ACLs for Layer 2 interfaces to allow application of security policies on individual switch ports.		
		The switch should support TACACS+ and RADIUS authentication enable centralized control of the switch and restrict unauthorized users from altering the configuration.		
		The switch should support MAC address notification to allow administrators to be notified of users added to or removed from the network.		
		The switch should support Port security to secure the access to an access or trunk port based on MAC address.		
		The switch should support Multilevel security on console access to prevent unauthorized users from altering the switch configuration.		

Financial Bid

(On letter head of the Firm & in a separately sealed envelope)

1) Active Components:

Sr no.	Specification	Qty.	Per Unit	Total Amt.
1.	24 port managed Gigabit switch with 24 port PoE support, lifetime or 15-year onsite warranty (As per Annexure VII)	25		
2.	24 port managed Gigabit switch with lifetime or 15-year onsite warranty (As per Annexure VIII)	25		
3.	Single Mode Transceiver compatible with the supplied switch, Same make and model as of Switch is supplied for best compatibility	25		
	Total -			
	Taxes if any-			
	Grand Total-			

Signature of the tenderer

Seal of Firm

24 Port PoE Switch Technical Specifications

S. No	Feature	24 Port PoE Switch-Technical Specifications
1	**General Features**	The switch should support a minimum of 24 nos. 10/100/1000 Ethernet PoE Ports with 370 Watts PoE budget.
		The switch should support a minimum of 4 SFP Uplinks
		The switch should support 4x1G SFP modules
		The switch should support a total of 28 Ports
2	**Performance and Scalability**	The switch should support Forwarding bandwidth of 108 Gbps
		The switch should support Full-duplex Switching bandwidth of 216 Gbps
		The switch should support 64-Byte Packet Forwarding Rate of 71.4 Mpps
		The switch should support 128 MB of Flash memory
		The switch should support 512 MB of DRAM
		The switch should support 1023 VLANs
		The switch should support 4096 VLAN IDs
		The switch should support Jumbo frames of 9216 bytes
		The switch should support Maximum transmission unit (MTU) of 9198 bytes
		The switch should support 16000 Unicast MAC addresses
3	**Dimension**	The Switch should be 1RU
		The switch should support Operating temperature up to 5000 ft (1500 m) -5° to 45°C
		The switch should support Operating relative humidity 10% to 95% noncondensing
4	**Stacking**	The switch should support Stacking
		Stacking should enable all switches to function as a single unit
		The switch should support an optional Stacking Port
		Stacking module should be Hot-swappable
		Stacking should support a minimum of 2 or more Switches
		Stacking should support a maximum of 8 Switches
		Stacking should support 80 Gbps of throughput
		Stacking should support single IP address management for the group of switches
		Stacking should support single configuration
		Stacking should support simplified switch upgrade
		Stacking should support automatic upgrade when the master switch receives a new software version
		Stacking should support stacking cable length of 3m
		Stacking should support QoS to be configured across the entire stack
5	**PoE & PoE+**	The switch should support PoE (IEEE 802.3af)
		The switch should support PoE+ (IEEE 802.3at)

		The switch should support flexible power allocation across all ports
		The switch should have 370W of Available PoE Power
		The switch should support Per port power consumption to specify maximum power setting on an individual port
		The switch should support Per port PoE power sensing to measure actual power being drawn
		The switch should support protocol to allow switch to negotiate a more granular power setting of IEEE classified devices
		The switch should support a PoE MIB to get visibility into power usage
		The switch should support a PoE MIB to set different power-level thresholds
6	**Power Supply**	The switch should support an auto-ranging power supply with input voltages between 100 and 240V AC
		The switch should support an External Redundant Power Supply
7	**Standards**	The switch should support IEEE 802.1D Spanning Tree Protocol
		The switch should support IEEE 802.1p
		The switch should support IEEE 802.1Q Trunking
		The switch should support IEEE 802.1s Multiple Spanning Tree (MSTP)
		The switch should support IEEE 802.1w Rapid Spanning Tree (RSTP)
		The switch should support IEEE 802.1x
		The switch should support IEEE 802.1ab (LLDP)
		The switch should support IEEE 802.3ad Link Aggregation Control Protocol (LACP)
		The switch should support RMON I and II standards
		The switch should support SNMP v1, v2c, and v3
8	**Layer-2 Features**	The switch should support Automatic Negotiation of Trunking Protocol, to help minimize the configuration & errors
		The switch should support IEEE 802.1Q VLAN encapsulation
		The switch should support Centralized VLAN Management. VLANs created on the Core Switches should be propagated automatically
		The switch should support Spanning-tree Port Fast and Port Fast guard for fast convergence
		The switch should support Uplink Fast & Backbone Fast technologies to help ensure quick failover recovery, enhancing overall network stability and reliability
		The switch should support Spanning-tree root guard to prevent other edge switches becoming the root bridge.
		The switch should support IGMP filtering
		The switch should support discovery of theneighbouring device of the same vendor giving the details about the platform, IP Address, Link connected through etc, thus helping in troubleshooting connectivity problems.

		The switch should support Per-port broadcast storm control to prevent faulty end stations from degrading overall systems performance
		The switch should support Per-port multicast storm control to prevent faulty end stations from degrading overall systems performance
		The switch should support Per-port unicast storm control to prevent faulty end stations from degrading overall systems performance
		The switch should support Voice VLAN to simplify IP telephony installations by keeping voice traffic on a separate VLAN
		The switch should support Unidirectional Link Detection Protocol (UDLD) and Aggressive UDLD to allow for unidirectional links caused by incorrect fiber-optic wiring or port faults to be detected and disabled on fiber-optic interfaces.
		The switch should support Local Proxy Address Resolution Protocol (ARP) working in conjunction with Private VLAN Edge to minimize broadcasts and maximize available bandwidth.
		The switch should support IGMP v1, v2 & v3 Snooping
		The switch should support IGMP Snooping Timer
		The switch should support IGMP Throttling
		The switch should support IGMP Querier
		The switch should support Configurable IGMP Leave Timer
		The switch should support MVR (Multicast VLAN Registration)
9	L3 Features	The switch should support Inter-VLAN routing
		The switch should support IPv4 unicast Static Routing
		The switch should support 16 IPv4 Static routes
10	Smart Operations	The switch should support configuration of the Software image and switch configuration without user intervention
		The switch should support automatic configuration as devices connect to the switch port
		The switch should support diagnostic commands to debug issues
		The switch should support system health checks within the switch
		The switch should support Online Diagnostics
11	Quality of Service (QoS) & Control	The switch should support 4 egress queues per port to enable differentiated management
		The switch should support scheduling techniques for Qos
		The switch should support Weighted tail drop (WTD) to provide congestion avoidance
		The switch should support Standard 802.1p CoS field classification
		The switch should support Differentiated services code point (DSCP) field classification
		The switch should support Control- and Data-plane QoS ACLs
		The switch should support Strict priority queuing mechanisms

		The switch should support Rate Limiting function to guarantee bandwidth
		The switch should support rate limiting based on source and destination IP address
		The switch should support rate limiting based on source and destination MAC address
		The switch should support rate limiting based on Layer 4 TCP and UDP information
		The switch should support availability of up to 256 aggregate or individual polices per port.
12	**Management**	The switch should support Command Line Interface (CLI) support for configuration & troubleshooting purposes.
		The switch should support four RMON groups (history, statistics, alarms, and events) for enhanced traffic management, monitoring, and analysis
		The switch should support Layer 2 trace route to ease troubleshooting by identifying the physical path that a packet takes from source to destination.
		The switch should support Trivial File Transfer Protocol (TFTP) to reduce the cost of administering software upgrades by downloading from a centralized location.
		The switch should support SNMP v1, v2c, and v3 of-band management.
		The switch should support Telnet interface support for comprehensive in-band management of-band management.
		The switch should support CLI-based management console to provide detailed out-of-band management.
		The switch should support Serial Console Port
		The switch should support USB Console Port
		The switch should support SNMPv1, SNMPv2c, and SNMPv3
13	**Network security features**	The switch should support IEEE 802.1x to allow dynamic, port-based security, providing user authentication.
		The switch should support Port-based ACLs for Layer 2 interfaces to allow application of security policies on individual switch ports.
		The switch should support SSHv2 and SNMPv3 to provide network security by encrypting administrator traffic during Telnet and SNMP sessions.
		The switch should support TACACS+ and RADIUS authentication enable centralized control of the switch and restrict unauthorized users from altering the configuration.
		The switch should support MAC address notification to allow administrators to be notified of users added to or removed from the network.
		The switch should support Port security to secure the access to an access or trunk port based on MAC address.
		The switch should support Multilevel security on console access to prevent unauthorized users from altering the switch configuration.

		The switch should support Private VLAN
14	**IPv6 Features**	The switch should be on the approved list of IPv6 Ready Logo phase II - Host
		The switch should support IPv6 unicast Static Routing
		The switch should support 16 IPv6 Static routes
		The switch should support IPv6 MLDv1 & v2 Snooping
		The switch should support IPv6 Host support for IPv6 Addressing
		The switch should support IPv6 Host support for IPv6 Option processing
		The switch should support IPv6 Host support for IPv6 Fragmentation
		The switch should support IPv6 Host support for IPv6 ICMPv6
		The switch should support IPv6 Host support for IPv6 TCP/UDP over IPv6
		The switch should support IPv6 Host support for IPv6 Ping
		The switch should support IPv6 Host support for IPv6 Traceroute

24 Port Non PoE Switch-Technical Specifications

S. No	Feature	24 Port non PoE Switch-Technical Specifications
1	General Features	The switch should support a minimum of 24 nos. 10/100/1000 Ethernet Ports
		The switch should support a minimum of 4 SFP Uplinks
		The switch should support 4x1G SFP modules
		The switch should support a total of 28 Ports
2	Performance and Scalability	The switch should support Forwarding bandwidth of 108 Gbps
		The switch should support Full-duplex Switching bandwidth of 216 Gbps
		The switch should support 64-Byte Packet Forwarding Rate of 71.4 Mbps
		The switch should support 128 MB of Flash memory
		The switch should support 512 MB of DRAM
		The switch should support 1023 VLANs
		The switch should support 4096 VLAN IDs
		The switch should support Jumbo frames of 9216 bytes
		The switch should support Maximum transmission unit (MTU) of 9198 bytes
		The switch should support 16000 Unicast MAC addresses
3	Dimension	The Switch should be 1RU
		The switch should support Operating temperature up to 5000 ft (1500 m) -5° to 45°C
		The switch should support Operating relative humidity 10% to 95% noncondensing
4	Stacking	The switch should support physical / dedicated stacking ports in addition to base ports with min. stacking bandwidth of 80Gbps
		Stacking should enable all switches to function as a single unit
		The switch should support an optional Stacking Port
		Stacking module should be Hot-swappable
		Stacking should support a minimum of 2 or more Switches
		Stacking should support a maximum of 8 Switches
		Stacking should support 80 Gbps of throughput
		Stacking should support single IP address management for the group of switches
		Stacking should support single configuration
		Stacking should support simplified switch upgrade
		Stacking should support automatic upgrade when the master switch receives a new software version
		Stacking should support stacking cable length of 3m
		Stacking should support QoS to be configured across the entire stack
5	Power Supply	The switch should support an auto-ranging power supply with input voltages between 100 and 240V AC

		The switch should support an External Redundant Power Supply
6	**Standards**	The switch should support IEEE 802.1D Spanning Tree Protocol
		The switch should support IEEE 802.1p
		The switch should support IEEE 802.1Q Trunking
		The switch should support IEEE 802.1s Multiple Spanning Tree (MSTP)
		The switch should support IEEE 802.1w Rapid Spanning Tree (RSTP)
		The switch should support IEEE 802.1x
		The switch should support IEEE 802.1ab (LLDP)
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		The switch should support RMON I and II standards
		The switch should support SNMP v1, v2c, and v3
7	**Layer-2 Features**	The switch should support Automatic Negotiation of Trunking Protocol, to help minimize the configuration & errors
		The switch should support IEEE 802.1Q VLAN encapsulation
		The switch should support Centralized VLAN Management. VLANs created on the Core Switches should be propagated automatically
		The switch should support Spanning-tree Port Fast and Port Fast guard for fast convergence
		The switch should support Uplink Fast & Backbone Fast technologies to help ensure quick failover recovery, enhancing overall network stability and reliability
		The switch should support Spanning-tree root guard to prevent other edge switches becoming the root bridge.
		The switch should support IGMP filtering
		The switch should support discovery of theneighbouring device of the same vendor giving the details about the platform, IP Address, Link connected through etc, thus helping in troubleshooting connectivity problems.
		The switch should support Per-port broadcast storm control to prevent faulty end stations from degrading overall systems performance
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		The switch should support Per-port unicast storm control to prevent faulty end stations from degrading overall systems performance
		The switch should support Voice VLAN to simplify IP telephony installations by keeping voice traffic on a separate VLAN
		The switch should support Unidirectional Link Detection Protocol (UDLD) and Aggressive UDLD to allow for unidirectional links caused by incorrect fibre-optic wiring or port faults to be detected and disabled on fibre-optic interfaces.
		The switch should support Local Proxy Address Resolution Protocol (ARP) working in conjunction with Private VLAN Edge to minimize broadcasts and maximize available bandwidth.

		The switch should support IGMP v1, v2 & v3 Snooping
		The switch should support IGMP Snooping Timer
		The switch should support IGMP Throttling
		The switch should support IGMP Querier
		The switch should support Configurable IGMP Leave Timer
		The switch should support MVR (Multicast VLAN Registration)
8	L3 Features	The switch should support Inter-VLAN routing
		The switch should support IPv4 unicast Static Routing
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		The switch should support automatic configuration as devices connect to the switch port
		The switch should support diagnostic commands to debug issues
		The switch should support system health checks within the switch
		The switch should support Online Diagnostics
10	Quality of Service (QoS) & Control	The switch should support 4 egress queues per port to enable differentiated management
		The switch should support rate limiting based on Layer 4 TCP and UDP information
		The switch should support availability of up to 256 aggregate or individual polices per port.
11	Management	The switch should support Command Line Interface (CLI) support for configuration & troubleshooting purposes.
		The switch should support four RMON groups (history, statistics, alarms, and events) for enhanced traffic management, monitoring, and analysis
		The switch should support Layer 2 trace route to ease troubleshooting by identifying the physical path that a packet takes from source to destination.
		The switch should support Trivial File Transfer Protocol (TFTP) to reduce the cost of administering software upgrades by downloading from a centralized location.
		The switch should support SNMP v1, v2c, and v3 of-band management.
		The switch should support Serial Console Port
		The switch should support USB Console Port
		The switch should support SNMPv1, SNMPv2c, and SNMPv3
12	Network security features	The switch should support IEEE 802.1x to allow dynamic, port-based security, providing user authentication.
		The switch should support Port-based ACLs for Layer 2 interfaces to allow application of security policies on individual switch ports.
		The switch should support TACACS+ and RADIUS authentication enable centralized control of the switch and restrict unauthorized users from altering the configuration.

	The switch should support MAC address notification to allow administrators to be notified of users added to or removed from the network.
	The switch should support Port security to secure the access to an access or trunk port based on MAC address.
	The switch should support Multilevel security on console access to prevent unauthorized users from altering the switch configuration.

(INTEGRITY PACT)

INTEGRITY PACT	IIITA

To,

...............,,,,,,.......................,

...............,,,,,,.......................,

.................,,,,...............

Sub: Ref. No.- _____ **for purchase of** _____

Dear Sir,

It is hereby declared that IIITA is committed to follow the principle of transparency, equity and competitiveness in public procurement.

The subject **Notice Inviting Tender** is an invitation to offer made on the condition that the Bidder will sign the integrity Agreement, which is an integral part of tender/ bid documents, failing which the tenderer/ bidder will stand disqualified from the tendering process and the bid of the bidder would be summarily rejected.
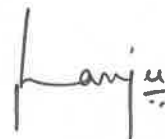
This declaration shall form part and parcel of the Integrity Agreement and signing of the same shall be deemed as acceptance and signing of the Integrity Agreement on behalf of the IIITA.

Yours faithfully,

Faculty In charge ,Purchase.
IIIT-A

To,

Faculty In charge ,Purchase.

IIIT, Allahabad

Sub: Submission of Tender for the work of _____ .

Dear Sir,

I / We acknowledge that IIITA is committed to follow the principles thereof as enumerated in the Integrity Agreement enclosed with the tender / bid document.

I / We agree that the Notice Inviting Tender (IIIT) is an invitation to offer made on the condition that I / We will sign the enclosed Integrity Agreement, which is an integral part of tender documents, failing which I / We will stand disqualified from the tendering process. I / We acknowledge that THE MAKING OF THE BID SHALL BE REGARDED AS AN UNCONDITIONAL AND ABSOLUTE ACCEPTANCE of this condition of the IIITA.

I / We confirm acceptance and compliance with the Integrity Agreement in letter and spirit and further agree that execution of the said Integrity Agreement shall be separate and distinct from the main contract, which will come into existence when tender / bid is finally accepted. I/ We acknowledge and accept the duration of the Integrity Agreement, which shall be in the line with the **Commitments of the BUYER** of the enclosed Integrity Agreement.

I / We acknowledge that in the event of my / our failure to sign and accept the Integrity Agreement, while submitting the tender / bid, IIITA shall have unqualified, absolute and unfettered right to disqualify the tenderer / bidder and reject the tender / bid is accordance with terms and conditions of the tender / bid.

Yours faithfully,

(Duly authorized signatory of the Tenderer / Bidder)

INTEGRITY PACT

General

This pre-bid pre-contract Agreement hereinafter called the Integrity Pact is made on .... day of the month of .... , between, on one hand, the **Indian Institute of Information Technology, Allahabad** acting through Faculty In-Charge Purchase, of Indian Institute of Information Technology, Allahabad hereinafter called the "BUYER" of the First Part and M/s.. represented by Shri ...., Director /Chief Executive Officer/ General Manager / Proprietor hereinafter called the "BIDDER/Seller" of the Second Part.

WHEREAS the BUYER proposes to procure ....

(Name of the Stores/Equipment/Item) and the BIDDER/Seller is willing to offer/has offered the stores and WHEREAS the BIDDER is a private company/public company/Government undertaking/ partnership/ registered export agency, constituted in accordance with the relevant law in the matter and the BUYER is a Autonomous Body/Department of the Government of India performing its functions on behalf of the President of India.

NOW, THEREFORE,

to avoid all forms of corruption by following a system that is fair, transparent and free from any influence/prejudiced dealings prior to, during and subsequent to the currency of the contract to be entered into with a view to :-

Enabling the BUYER to obtain the desired said stores / equipment at a competitive price in conformity with the defined specifications by avoiding the high cost and the distortionary impact of corruption on public procurement, and

Enabling BIDDERs to abstain from bribing or indulging in any corrupt practice in order to secure the contract by providing assurance to them that their competitors will also abstain from bribing and other corrupt practices and the BUYER will commit to prevent corruption, in any form, by its officials by following transparent procedures.

The parties hereto hereby agree to enter into this Integrity Pact and agree as follows:

Commitments of the BUYER

1.1 The BUYER undertakes that no official of the BUYER, connected directly or indirectly with the contract, will demand, take a promise for or accept, directly or through intermediaries, any bribe, consideration, gift, reward, favour or any material or immaterial benefit or any other advantage from the BIDDER, either for themselves or for any person, organization or third party related to the contract in exchange for an advantage in the bidding process, bid evaluation, contracting or implementation process related to the Contract.

1.2 The BUYER will, during the pre-contract stage, treat all BIDDERs alike, and will provide to all BIDDERs the same information and will not provide any such information to any particular BIDDER which could afford an advantage to that particular BIDDER in comparison to other BIDDERs.

1.3 All the officials of the Buyer will report to the appropriate Government office any attempted or completed breaches of the above commitments as well as any substantial suspicion of such a breach.

2. In case any such preceding misconduct on the part of such official (s) is reported by the BIDDER to the BUYER, with full and verifiable facts and the same is prima facie found to be correct by the BUYER, necessary disciplinary proceedings, or any other action as deemed fit, including criminal proceedings may be initiated by the BUYER and such a person shall be debarred from further dealings related to the contract process. In such a case while an enquiry is being conducted by the BUYER the proceedings under the contract would not be stalled.
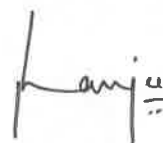
Commitments of BIDDERs :

3. The BIDDER commits itself to take all measures necessary to prevent corrupt practices, unfair means and illegal activities during any stage of its bid or during any pre-contract or post contract stage in order to secure the contract or in furtherance to secure it and in particular commit itself to the following:

3.1 The BIDDER will not offer, directly or through intermediaries, any bribe, consideration, gift, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the BUYER, connected directly or indirectly with the bidding process, or to any person, organization or third party related to the contract in exchange for any advantage in the bidding, evaluation, contracting and implementation of the Contract.

3.2 The BIDDER further undertakes that it has not given, offered or promised to give, directly or indirectly any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the BUYER or otherwise in procuring the Contract or forbearing to do or having done any act in relation to the obtaining or execution of the Contract or any other Contract with the Government for showing or forbearing to show favour or disfavor to any person in relation to the Contract or any other Contract with the Government.

3.3 BIDDERs shall disclose the name and address of agents and representatives and Indian BIDDERs shall disclose their foreign principals or associates.

3.4 BIDDERs shall disclose the payments to be made by them to agents / brokers or any other intermediary, in connection with this bid/contract.

3.5 The BIDDER further confirms and declares to the BUYER that the BIDDER is the original manufacturer/ integrator/ authorized government sponsored export entity of the defense stores and has not engaged any individual or firm or company whether Indian or foreign to intercede, facilitate or in any way to recommend to the BUYER, or any of its functionaries, whether officially or unofficially to the award of the contract to the BIDDER, nor has any amount been paid, promised or intended to be paid to any such individual, firm or company in respect of any such intercession, facilitation or recommendation.

3.6 The BIDDER, either while presenting the bid or during pre-contract negotiations or before signing the contract, shall disclose any payments he has made, is committed to or intends to make to officials of the BUYER or their family members, agents, brokers or any other intermediaries in connection with the contract and the details of services agreed upon for such payments.

3.7 The BIDDER will not collude with other parties interested in the contract to impair the transparency, fairness and progress of the bidding process, bid evaluation, contracting and implementation of the contract.

3.8 The BIDDER will not accept any advantage in exchange for any corrupt practice, unfair means and illegal activities.

3.9 The BIDDER shall not use improperly, for purposes of competition or personal gain, or pass on to others, any information provided by the BUYER as part of the business relationship, regarding plans, technical proposals and business details, including information contained in any electronic data carrier. The BIDDER also undertakes to exercise due and adequate care lest any such information is divulged.

3.10 The BIDDER commits to refrain from giving any complaint directly or through any other manner without supporting it with full and verifiable facts.

3.11 The BIDDER shall not instigate or cause to instigate any third person to commit any of the actions mentioned above.

3.12 If the BIDDER or any employee of the BIDDER or any person acting on behalf of the BIDDER, either directly or indirectly, is a relative of any of the officers of the BUYER, or alternatively, if any relative of an officer of the BUYER has financial interest/stake in the BIDDER's firm, the same shall be disclosed by the BIDDER at the time of filing of tender.
The term relative for this purpose would be as defined in Section 6 of the Companies Act 1956.

3.13 The BIDDER shall not lend to or borrow any money from or enter into any monetary dealings or transactions, directly or indirectly, with any employee of the BUYER.

4. Previous Transgression

4.1 The BIDDER declares that no previous transgression occurred in the last three years immediately before signing of this Integrity Pact, with any other company in any country in respect of any corrupt practices envisaged hereunder or with any Public Sector Enterprise in India or any

Government Department in India, that could justify BIDDER's exclusion from the tender process.

4.2 The BIDDER agrees that if it makes incorrect statement on this subject, BIDDER can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

5. Earnest Money Deposit

5.1 While submitting bid, the BIDDER shall deposit an amount mentioned in tender document as Earnest Money, with the IIIT Allahabad through the following instruments:

    (i) A confirmed Bank Guarantee by an Indian Nationalized Bank, promising payment of the guaranteed sum to the BUYER on demand within three working days without any demur whatsoever and without seeking any reasons whatsoever. The demand for payment by the IIIT Allahabad shall be treated as conclusive proof of payment.

5.2 The Earnest Money shall be valid up to a period of 180 days or the complete conclusion of the contractual obligations to the complete satisfaction of both the BIDDER and the BUYER, including warranty period, whichever is later.

5.3 In case of successful BIDDER a clause would also be incorporated in the Article pertaining to Performance Bond in the Purchase Contract that the provisions of Sanctions for Violation shall be applicable for forfeiture of Performance Bond in case of a decision by the BUYER to forfeit the same without assigning any reason for imposing sanction for violation of this Pact.

5.4 No interest shall be payable by the BUYER to the BIDDER on Earnest Money for the period of its currency.

5.5 In case of successful BIDDER, EMD will be returned within 15 days from the date of submission of Performance Guarantee Bond.

6. SECURITY DEPOSIT /PERFORMANCE GUARANTEE :

6.1 Performance Guarantee Bond is mandatory.

6.2 Successful tenderer/ bidder should submit performance guarantee as prescribed above to be received in the office of Faculty In charge (Purchase), IIITA on or before 15 days from the date of issue of order acknowledgement. The performance guarantee bond to be furnished in the form of Bank Guarantee as per proforma or annexure of the tender documents, for an amount as mentioned in the tender document.

6.3 The Performance Guarantee Should be established in favour of "IIIT Allahabad" payable at Allahabad.

6.4 Performance Guarantee Bond shall be for the due and faithfully performance of the contract and shall remain binding, notwithstanding such variations, alterations for extensions of time as may be made, given, conceded or agreed to between the successful tenderer and the purchaser under the terms and conditions of acceptance to tender.

6.5 The successful tenderer is entirely responsible for due performance of the contract in all respects according to the speed, intent and meaning of the terms and conditions and specification and all other documents referred to in the acceptance of tender.

6.6 The performance guarantee bond shall be kept valid during the period of contract and shall continue to be enforceable initially for a period of <u>fifteen months</u> <u>from the date of commence of contract.</u>

7.<u>Sanctions for Violations</u>

7.1 Any breach of the aforesaid provisions by the BIDDER or any one employed by it or acting on its behalf (whether with or without the knowledge of the BIDDER) shall entitle the BUYER to take all or any one of the following actions, wherever required:-

(i) To immediately call off the pre-contract negotiations without assigning any reason or giving any compensation to the BIDDER. However, the proceedings with the other BIDDER(s) would continue.

(ii) The Earnest Money Deposit (in pre-contract stage) and/or Security Deposit/Performance Bond (after the contract is signed) shall stand forfeited either fully or partially, as decided by the BUYER and the BUYER shall not be required to assign any reason therefore.

(iii) To immediately cancel the contract, if already signed without giving any compensation to the BIDDER.

(iv) To recover all sums already paid by the BUYER, and in case of an Indian BIDDER with interest thereon at 2% higher than the prevailing Prime Lending Rate of State Bank of India, while in case of a BIDDER from a country other than India with interest thereon at 2% higher than the LIBOR. If any outstanding payment is due to the BIDDER from the BUYER in connection with any other contract for any other stores, such outstanding payment could also be utilized to recover the aforesaid sum and interest.

(v) To encase the advance bank guarantee and performance bond/warranty bond, if furnished by the BIDDER, in order to recover the payments, already made by the BUYER, along with interest.

(vi) To cancel all or any other Contracts with the BIDDER. The BIDDER shall be liable to pay compensation for any loss or damage to the BUYER resulting from such cancellation/rescission and the BUYER shall be entitled to deduct the amount so payable from the money(s) due to the BIDDER.

(vii) To debar the BIDDER from participating in future bidding processes of the Government of India for a minimum period of two years, which may be further extended at the discretion of the BUYER.

(viii) To recover all sums paid in violation of this pact by the BIDDER(s) to any middleman or agent or broker with a view to securing the contract.

(ix) In cases where irrevocable Letters of Credit have been received in respect of any contract signed by the BUYER with the BIDDER, the same shall not be opened.

(x) Forfeiture of Performance Bond in case of a decision by the BUYER to forfeit the same without assigning any reason for imposing sanction for violation of this Pact.

7.2 The BUYER will be entitled to take all or any of the actions mentioned at Para 7.1(i) to (x) of this Pact also on the Commission by the BIDDER or any one employed by it or acting on its behalf (whether with or without the knowledge of the BIDDER), of an offence as defined in Chapter IX of the Indian Penal code, 1860 or Prevention of Corruption Act 1988 or any other statute enacted for prevention of corruption.

7.3 The decision of the BUYER to the effect that a breach of the provisions of this Pact has been committed by the BIDDER shall be final and conclusive on the BIDDER. However, the BIDDER can approach the independent Monitor(s) appointed for the purposes of this Pact.

8. Fall Clause

8.1 The BIDDER undertakes that it has not supplied/is not supplying similar product/systems or subsystems at a price lower than that offered in the present bid in respect of any other department of State Government/ Central Government or PSU and if it is found at any stage that similar product/system or sub-system was supplied by the BIDDER to any other Department of State Government/ State Government or PSU at a lower price, then that very price, with due allowance for elapsed time, will be applicable to the present case and the difference in the cost would be refunded by the BIDDER to the BUYER, if the contract has already been concluded.

9. Independent monitors

9.1 The BUYER has appointed Independent Monitors (hereinafter referred to as Monitors) for this Pact in consultation with the Central Vigilance Commission (Chief Vigilance Officer, Indian Institute of Information Technology, Allahabad).

9.2 The task of the Monitor shall be to review independently and objectively, whether and to what extent the parties comply with the obligations under this Pact.

9.3 The Monitor shall not be subject to instructions by the representatives of the parties and performs their functions neutrally and independently.

9.4 Both the parties accept that the Monitor have the right to access all the documents relating to the project/procurement, including minutes of the meetings.

9.5 As soon as the Monitor notices, or believes to notice, a violation of this Pact, he will so inform the Authority designated by the BUYER.

9.6 The BIDDER(s) accepts that the Monitor has the right to access without restriction to all Project documentation of the BUYER including that provided by the BIDDER. The BIDDER will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Subcontractors. The Monitor shall be under contractual obligation to treat the information and documents of the BIDDER/Subcontractor(s) with confidentiality.

9.7 The BUYER will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual

relations between the parties. The parties will offer to the Monitor the option to participate in such meetings.

9.8 The Monitor will submit a written report to the designated Authority of BUYER/ Secretary in the Department/within 8 to 10 weeks from the date of reference or intimation to him by the BUYER / BIDDER and, should the occasion arise, submit proposals for correcting problematic situations.

10. Facilitation of Investigation

In case of any allegation of violation of any provisions of this Pact or payment of commission, the BUYER or its agencies shall be entitled to examine all the documents including the Books of Accounts of the BIDDER and the BIDDER shall provide necessary information & documents in English and shall extend all possible help for the purpose of such examination.

11. Law and Place of Jurisdiction

This Pact is subject to Indian Law. The place of performance and Jurisdiction is the Seat of the BUYER.

12. Other Legal Actions

The actions stipulated in this Integrity Pact are without prejudice to any other legal action that may follow in accordance with the provisions of the extant law in force relating to any civil or criminal proceedings.

13. Validity

13.1 The validity of this Integrity Pact shall be from date of its signing and extend up to 3 years or the complete execution of the contract to the satisfaction of both the BUYER and the BIDDER/ Seller, including warranty period, whichever is later. In case BIDDER is unsuccessful, this Integrity Pact shall expire after six months from the date of the signing of the contract.

13.2 Should one or several provisions of this Pact turn out to be invalid; the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

14. The Parties hereby sign this Integrity Pact   at _____ **on** _____ .

BUYER   BIDDER
Faculty In charge, Purchase, IIIT Allahabad   Signature with seal

Witness   Witness
1. _____   1. _____

(Indenter)
2. _____   2. _____