

**SHRI GURU GOBIND SINGHJI**  
**INSTITUTE OF ENGINEERING & TECHNOLOGY,**  
**VISHNUPURI, NANDED - 431 606**



**e -TENDER DOCUMENTS**

For

***Supply & installation of Access Layer Switches***

For

**Campus Networking**

**e-Tender Notice No.**

File No. SGGSE&T/Stores-2886/Access Layer Switches/Camp. Net./2018-19      Date **02/11/2018**

e-Tenders available on

Web sites <https://mahatenders.gov.in>

Institute Web site <http://www.sggs.ac.in>

**Price of e-Tender Document Rs. 1,000/-**

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VISHNUPURI, NANDED. 431 606**

File No. SGGSE&T/Stores-2886/Access Layer Switches/Camp. Net. /2018-19

Date: 02/11/2018

**NOTICE FOR INVITATION OF e-TENDER**

1. The institute invites online tenders/quotations for Supply & Installation of Access Layer Switches for Campus Networking at our institute from Manufacturers / Authorised Dealers who have registered under Shop Act, CGST/SGST Registration Certificate as manufacturer / Authorised Dealers, manufacturer / Authorised Dealers of the same material/equipment; details as per the e-tender notice published in news paper. (Press note enclosed here with).
2. The Terms and conditions, which are Govern the contract made on behalf of the institute, are also enclosed.
3. The Tenderers are requested to read the instructions in the e-Tender; Terms and conditions carefully before quoting the rates in quotations / Tender Schedule and comply with the same.
4. The Tenderer should satisfy & comply all the Terms & conditions and instructions, which are mentioned in the e-Tender Notice and in this e-Tender document and there after amendments made if any.
5. The institute reserves the right to delete any item or items or to increase or to decrease the quantity of any item or items from the e-Tender Schedule.
6. All the rights to increase or decrease the quantity of the required item is reserved, the right to cancel any item or items is reserved with the institute.
7. **The right to accept or reject any / or all the tenders/quotations from any or all parties without assigning any reason is reserved.**

**Sd/-  
DIRECTOR  
Shri Guru Gobind Singhji  
Institute of Engg. & Tech.  
Vishnupuri, Nanded.**

*e-Tender documents for supply & installation of Access Layer Switches for Campus Networking.*



**Press note**  
SHRI GURU GOBIND SINGHJI  
INSTITUTE OF ENGINEERING AND TECHNOLOGY,  
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File No. SGGSE&T/Stores-2886/Access Layer Switches/**Camp. Switches**/2018-19

Date: **02/11/2018**

#### **e-TENDER NOTICE**

Online Tenders / quotations are invited for **Supply & installation of Access Layer Switches for Campus Networking** of this institute from manufacturers / authorised dealers, those who have registered under shop act, CGST/SGST registration certificate for required goods. The e-Tender documents containing all detailed **specification of the Equipments & Tender's Terms and conditions** will be available on the web sites <https://mahatenders.gov.in> & <http://www.sggs.ac.in>. Vendors can download and submit their tenders online only from <https://mahatenders.gov.in> **e-tender fees Rs. 1,000/-**.

EMD is Rs. **12,000=00**

The tender EMD and Tender Fees should be paid online using given payment options on mahatenders.gov.in

All tenders should be submitted on or before **online key schedule** & technical bids will be opened on **as per key schedule**.

The right to accept or reject any or all the quotations / tenders from any or all parties without assigning any reason is reserved.

**Sd/-  
Director**

*e-Tender documents for supply & installation of Access Layer Switches for Campus Networking.*

File No. SGGSE&T/Stores-2886/Access Layer Switches/Camp. Net./2018-19

Date: **02/11/2018**

Tender Schedule : (Key Dates)

Seq. No.		
1	<b>Tender Publishing</b>	02-11-2018
2	<b>Bid Submission Start</b>	02-10-2018
3	<b>Bid Submission End</b>	19-11-2018
4	<b>Technical Bid Opening</b>	29-11-2018
5	<b>Financial Bid Opening</b>	After preparation of Technical summery c

## **e-TENDERING PROCEDURE**

### **Tender Information:**

Tender Forms can be available on the e-Tendering Portal Maharashtra Government i.e. <https://mahatenders.gov.in>.

All vendor/bidder are cautioned that tenders containing any deviation from the contractual terms and conditions, specifications or other requirements and conditional tenders will be treated as nonresponsive. The tenderer should clearly mention in forwarding letter that his offer (in envelope No. 1& 2) does not contain any conditions, deviations from terms and conditions stipulated in the tender.

Vendor/bidder should have valid Class II / III Digital Signature Certificate (DSC) obtained from any Certifying Authorities. In case of requirement of DSC, interested Bidders should go to <http://maharashtra.etenders.in/mah/DigitalCerti.asp> and follow the procedure mentioned in the document 'Procedure for application of Digital Certificate'.

Vendor/bidder should install the Mandatory Components available on the Home Page of <https://mahatenders.gov.in> under the section 'Mandatory Components' and make the necessary Browser Settings provided under section 'Internet Explorer Settings'

Guidelines to Bidders on the operations of Electronic Tendering System on <https://mahatenders.gov.in>

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INSTITUTE OF ENGINEERING & TECHNOLOGY,  
VISHNUPURI, NANDED. 431 606

File No. SGGSE&T/Stores-2886/Access Layer Switches/Camp. Net./2018-19

Date: 02/11/2018

**INSTRUCTIONS TO TENDERERS**

1. The Tenderer should submit quotations / Tenders in online sealed envelope. Please note No EMD exemption will be considered and all interested bidder have to pay **EMD Rs. 12,000=00** by online payment gateway
2. The Tender Schedule with **specifications is given for the Supply & installation of Access Layer Switches for Campus Networking of the institute. The quoted goods/material & accessories/allied components should be strictly as per the specifications**, and should be given with detailed specifications in writing on your letter head **along with catalogue.**
3. It should be the Technical Bids will be opened and scrutinized online as per key dates. Technically qualified vendors price bid will be opened as per online schedule.
4. The Tenders / quotations should be strictly **as per the G.R. of Maharashtra Govt.** for two Bid systems. Bidder should quote rate as per the specification provided by Tender calling authority.
5. Procedure for submission of quotations: -Tenderer should note that they will have to submit as per online envelops.
6. **A) ENVELOPE No.1 / TECHNICAL BID:** Should contain attested copies of the following documents.
  - \* a. Shop Act Registration.
  - \* b. CGST/SGST Registration Certificate
  - \* c. Manufacturer / authorised dealership certificate.
  - \* d. Income tax return for last three financial years [The bidder should have the turnover at least equal to estimated cost during each of the last three years]**B) ENVELOPE No. 2 [Commercial Bid / envelope for Rates]: -**  
Its available with tender document in excel format i.e. BOQ.  
Tenderer should fill and upload online the given BOQ
7. **The Tenderer should note that in case Envelope No. 1 does not fulfil any requirement like tender fees, EMD, attested copies of registration of Shop under Shop Act and CGST/SGST Registration No., OEM/Authorisation from Manufacturer or any documents required as per technical bid the Envelope No. 2 will not be opened and the offered quotation will be liable for rejection.**
8. The tenderer should **quote the rates on quotation/our enclosed Tender schedule duly signed online with valid digital certificate.** Vendors should not quote the rates anywhere directly or indirectly in Envelope No. 1.
9. Tenderer must follow all instructions, terms and conditions. If tenderer fails to follow any of the conditions, and instructions, his / her Tender / Quotation are to be liable for rejection.
10. Tenderer, whose Offer is found to be the best as per clause No. 1 & as per our specifications, will be informed about the same, He will have to deposit 5% of total amount as Security Deposit (S.D.). After the receipt of S.D. orders will be released.
11. If the Tenderer is manufacturer or authorised dealer and the item is the PROPRIETARY item then they should furnish the "PROPRIETARY ITEM CERTIFICATE" along with the quotation /Tender.

Sd/-  
DIRECTOR  
SGGSIE&T NANDED

**SHRI GURU GOBIND SHINGHJI INSTITUTE OF ENGINEERING & TECHNOLOGY,  
VISHNUPURI, NANDED. 431 606**

File No. SGGsIE&T/Stores-2886/Access Layer Switches/Camp. Net./2018-19

Date: 02/11/2018

**TERMS AND CONDITIONS**

1. The rates should be quoted online as F.O.R. Destination at our **Vishnupuri, Nanded.**
2. CGST/SGST if any tax, Levis, Freight, Packing, Forwarding and Insurance Charges etc. must be incorporated in quoted amount.
3. No additional amount will be considered or paid excluding the rates quoted by bidder.
4. The validity period for the rates offered should be clearly mentioned and it should be minimum 180 days from the date of opening of tender. Items quoted should confirm to our specification. In addition, please furnish the detailed specifications against each item, the relevant catalogue/pamphlet should be necessary to accompany with the quotations; in case of any deviations in the specifications then please submit the statement duly signed as mentioned in "Instructions to Tenderer"
5. The delivery period should be clearly stated.
  - a) Liquidated Damages: Firm should quote the delivery period clearly from the date of receipt of order or confirmed order.
  - b) If supplier fails to supply the ordered material within the scheduled delivery period, for late delivery of goods we will be entitled to recover the liquidated damages as a sum equal to ½ percent of the price of item delivered late per week.
6. **Extension of Delivery period:**
  - i) If the completion of supply of goods/components/equipments/etc is Delayed due to reasons such as act of God, act of Public enemy, Wars, Act of Government, Fires, Floods, Epidemics, Quarantine, Restrictions, Strikes and Freight embargoes the delivery period may be extended.
  - ii) Supplier will have to give notice within 10 days to this institute in writing of his claim for an extension of the delivery period. After receipt of such notice and verification; if necessary the delivery period will be extended but without prejudice to other terms and conditions of the purchase order and Tender notice/Tender document's conditions.
  - iii) If supplier has delivered material after expiry of extended delivery period then institute will be entitled to recover the liquidated damages.
7. The instructions manual for each equipment/components/machinery/material should be supplied separately with the item/s supplied.
8. Supplier's Technician/Engineer must carry out the demonstration and installation at our site, free of cost.
9. **The institute reserves the right to accept any/all quotations, reject any/all quotations and to order any of the item/s in any quantity without assigning any reason.**
  - a) **The institute reserves the right with itself to delete any item/s from the Tender Enquiry.**
10. **The items will be checked at the institute and acceptance is subject to the approval of the institute.**
11. **If the supply of goods/equipments/material or any part there of is rejected by the institute, the supplier will have to bear all expenses incurred in the matter including all charges for return and replacement of the items. The rejected material/ equipments/parts of equipments should be received by supplier on their own cost.**
12. **PAYMENT CONDITION:-**  
**[Send Your Bank Details i. e. name of Bank, IFSC code, mobile number etc]**
  - \* **For equipment and instrument / component etc those items are required to be installed and demonstrated at this institute:**
    - I. 90% payment on demonstration of satisfactory working and installation of instruments/equipment/goods/components and balance 10% after 30 days.
  - \* **For the items those need not be installed and demonstrated at this institute:**
    - II. 100% payment will be released after receipt of material in good condition and approved by this institute.
13. **Inspection of Goods:** - The ordered equipments/goods/instruments will be inspected if required by our representative at your workshop/show room before despatch of goods.
  - a) The supplier should inform the date of inspection in advance at least by 8 days.
  - b) The supplier will have to provide free lodging and boarding facilities to our representative who would carry out inspection.
14. The equipments should be guaranteed for minimum period of one year from the date of installation of the goods.
15. The repairs within the guarantee period must be carried out at the cost of supplier.

***e-Tender documents for supply & installation of Access Layer Switches for Campus Networking.***

16. If there are any damages in transit, that should be repaired / or equipments should be replaced by the supplier on their own cost.
17. The gate pass of excise duty must be supplied in duplicate.
18. Demurrage: - If any demurrage will be charged due to any delay any other reasons from supplier; then the same should be borne by supplier or it will be deducted from their final payment.
19. Mode of Despatches: - Equipments/Stores/Components/Machineries should be despatched by Railway or Road Transport as per availability of facilities. The road transporters office / Godown must be available at Nanded City. A copy of the invoice / bill and packing list should invariably be kept inside each of the packages.
20. The package should be marked as follows
- I) Consignee: - Director, S.G.G.S. Institute of Engg. and Tech., VISHNUPURI, NANDED – 431 606 (MAHARASHTRA)
- II) Purchase Order No. \_\_\_\_\_ Date \_\_\_\_\_ Department. \_\_\_\_\_ R.R. /L.R. No. \_\_\_\_\_ Number of cases/packages \_\_\_\_\_ S.G.G.S. Institute of Engineering and Technology, VISHNUPURI, NANDED (M.S.) Destination: Nanded.
21. Cancellation of purchase orders: - Institute reserves the right to cancel the purchase orders on following grounds.
- a) If supplier fails to supply the goods/equipments/machinery/components within the delivery period without confirmation of extension of the period from the institute or without obtaining the permission for extension of delivery period.
- b) If the supplier fails to supply the goods within extended delivery period.
- c) If supplier fails to follow the terms & conditions and instructions as mentioned in the tender documents or conditions mentioned in purchase orders.
- d) If supplier is found defaulter.
22. The institute reserves the right to place an order for any party who is ready to supply on lowest rate for the items whose order is cancelled as per clause 21, and institute has reserves the right to place an order on 2<sup>nd</sup> lowest rate if any supplier is not found ready to supply on 1<sup>st</sup> lowest rate for items for which order is cancelled (which was placed on 1<sup>st</sup> lowest but party fails to supply).
- 23. Security Deposit:** - Successful tenderer will be informed that their quotation/Tender rates are acceptable to us, such Tenderer should deposit the **5% value** of the equipments/order value; in form of Demand Draft/Bank Guarantee in favour of Director, S.G.G.S.I.E.& T., Nanded, payable at State Bank of India, main branch, Vazirabad, Nanded or any Nationalised Bank at Nanded. The Security Deposit will be refundable after completion of one year from the date of complete payment of ordered items.
- 24. Exemption from security Deposit:** - The following tenderer s are exempted from the payment of Security Deposit
- I. If the Tenderer has produced a certificate from the Director of Supplies & Disposal, Bombay to affect that they are exempted from payment of Security Deposit.
1. The Security Deposit is liable to be forfeited in the event of non-fulfilment of terms and conditions by the tenderer.
- a) If any stores, equipment/all equipments or any parts of equipment Is/are damaged in transit, and not replaced by supplier within stipulated period as notified by institute. We will recover the damages and applicable expenditure will be deducted from balance payment of supplier or from Security Deposit; or Security Deposit will be forfeited.
25. All the replacement of stores/equipments shall also be guaranteed for a period of 12 month from the date of installation and demonstration.
26. If any short supply is found at the time of verification/inspection of material/checking of material on its receipt, the supplier will have to supply the material within 15 days. Non-compliance of the order will compel institute to recover the cost from balance payment.
27. Repeat order:- If necessary/any equipment/stores is required in additional number, the repeat order will be placed on previous purchase order. The supplier will have to supply the equipment/s, stores as per the previous rates.
28. Training: - If we require training facility to our representative/staffs the supplier should have to provide training facility free of cost.
29. The origin of stores offered whether Indian or foreign and in the case of the former State in which it is manufactured should be clearly stated against each article/equipment.
- 30. IMPORTED EQUIPMENTS:** -



***e-Tender documents for supply & installation of Access Layer Switches for Campus Networking.***

a) If any tenderer is going to quote the imported equipments, he should quote the rates in Indian currency (Rupees), and he should note that, if the item finalised to purchase they should supply at our door delivery and payment will be made in Rupees only.

b) If such equipments are in foreign currency and agent/or manufacturer/dealer has quoted the equipments. The Tenderer should have to quote the rates, all charges, Freight, Insurance clearly. F.O.R. VISHNUPURI site; If finalised to purchase the imported equipments, he should do the all Import formalities; and must be followed all other conditions of Tender Notice/documents and purchase orders; and the tenderer has to supply at our site.

31. **Rate Contract:** - If the item/s is/are covered under DGS&D Rate contract, the tenderer should quote DGS&D Rate contract number, furnish the copy of the Rate contract and other relevant particulars.

32. **Disputes:** - If any disputes or differences, questions what so ever arises the same subject to Nanded Jurisdiction.

**Pre-qualification Criteria**

**Criteria related to Experience in Providing Layer 2 switching Services**

- The bidder should have access layer switch installation experience. Bidders should have completed successful end-to-end implementations of switching devices at higher educational / academic institutions/ MNC/ PSU in the last five years prior to this tender.
- The bidder should have a team of certified engineers for installation and configuration of the switching devices and support.
- Bidder should be able to provide engineer for onsite support for support cases at SGGS
- The bidder should be a certified service partner of the proposed switching devices and should provide Authorization Letter from the respective OEM in this effect at the time of bidding.

SGGSIE&T reserves the right to make changes to the above-mentioned PQ criteria as may be deemed fit, in case adequate responses are not received by “eTender”. This condition will however be subject to appropriate justifications / explanations / documentations as requested by SGGSIE&T.

**Sd/-  
DIRECTOR  
S.G.G.S.I.E. & T., Nanded**

Encl. Tender schedule

*e-Tender documents for supply & installation of Access Layer Switches for Campus Networking.*

SHRI GURU GOBIND SINGHJI  
INSTITUTE OF ENGINEERING & TECHNOLOGY,  
VISHNUPURI, NANDED. 431 606

**e-TENDER SCHEDULE**

File No. SGGSI&T/Stores-2886/Access Layer Switches/Camp. Switches/2018-19

Date: 02/11/2018

**Dept.: Campus Networking.**

Name of the Head of Stores: Equipments/Non – Recurring [Dead Stock]/ Recurring

*Note: Please read carefully all instructions, required specifications, Terms & conditions before quoting the rates.*

Sr. No.	Name of the Equipment & Technical Specification of the equipment	Req. Qty.	Rate	Estimated Cost	Remark/ Make
1	Access Layer Switch – 24- Port 10/100/1000 Base T ports and 4 x 1G SFP uplink ports – Non PoE	Rate should be quote for 1 Nos but, approx. quantity is 04 Nos	<b>Your rate quote in our BOQ file</b>	<b>Estimated total amount of Rs.4,00,000=00</b>	
2	Access Layer Switch – 24- port/10/100/1000 Base T and 4 x 1 G SFP Uplink ports POE	Rate should be quote for 1 Nos but, approx. quantity is 03 Nos	<b>Your rate quote in our BOQ file</b>		

**Sr. No. 1 Detailed Specification**

S. No.	Detailed Technical Specifications	Complied (Yes / No)
	<b>Architecture</b>	
	The Proposed Switch should support Switching capacity of minimum 128 Gbps or more	
	The Proposed Switch should support Switch forwarding rates of minimum 90 Mpps or more	
	The Proposed Switch should support 24 nos of 10/100/1000 Mbps Base-T ports and 4 x 1/10G SFP+ ports onboard	
	The Proposed Switch should have minimum 1GHz CPU or more	
	The Proposed Switch should have minimum 2GB DRAM or more	
	The Proposed Switch should have minimum 2GB Flash or more	
	<b>Connectivity</b>	
	802.3ad based standard port/link aggregation, Jumbo frames, storm control	
	The Proposed switches can be combined to deliver unmatched scalability of virtualized access layer switches and flatter two-tier networks and switch should support single IP management up to 4 Switch over 10G Uplink Ports in same Rack, Across Rack, Same Floor, Across Floor, Same Bldg or Across the Bldg.	
	<b>Switching features</b>	
	The Proposed Switch should support 802.1D, 802.1s, 802.1w, VSTP	
	The Proposed Switch should support IEEE 802.3ad Link Aggregation of up to 128 groups of 8 ports per group	
	The Proposed Switch Should support minimum 16,000 numbers of MAC addresses or more	
	The Proposed Switch Should support Jumbo Frames of 9216 bytes	
	The Proposed Switch should support Port-Based and MAC-Based VLANs, Voice VLAN, Private VLAN	

File no. No. SGGSI&T/Stores-2886/Access Layer Switches/Campus Networking/2018-19

*e-Tender documents for supply & installation of Access Layer Switches for Campus Networking.*

	The Proposed Switch should support IEEE 802.1ag, IEEE 802.3ah, IEEE 802.1br	
	<b>L3 Features</b>	
	The Proposed Switch should support minimum 1000 ARP entries or more and Support for minimum 500 IPv4 unicast routes or more	
	The Proposed Switch should support IPv6	
	The Proposed Switch Should Support minimum 100 IPv6 unicast routes or more and 1,000 IPv6 multicast routes or more	
	The Proposed Switch should be capable to Support Layer3 routing protocols like Static, RIP v1/v2, OSPF, RIPnG, OSPFv3	
	The Proposed Switch should be capable to Support IGMP v1,v2,v3, IGMP snooping, PIM SM, SSM and DM.	
	<b>Security</b>	
	The Proposed Switch Should Support Control plane denial-of-service (DoS) protection	
	The Proposed Switch Should Support Port Based ACL, VLAN Based ACL, Router Based ACL.	
	The Proposed Switch Should Support for L2 to L4 ACLs	
	The Proposed Switch Should Support DHCP Snooping, DAI, MAC-Limiting, MAC-Security, 802.1X dynamic ACL based on RADIUS attributes	
	<b>Quality Of Service</b>	
	The Proposed Switch Should Support minimum 8 number of hardware queues per port	
	The Proposed Switch Should Support following L2-L4 classification criteria: Interface, MAC address, EtherType, 802.1p, VLAN, IP address, DSCP/IP precedence, TCP/UDP port numbers	
	The Proposed Switch Should Support 802.1p, DSCP /IP precedence trust and marking	
	The Proposed Switch Should Support Following Scheduling methods (egress): Strict Priority (SP), shaped- deficit weighted round-robin (SDWRR)	
	The Proposed Switch Should Support Congestion avoidance capabilities: Tail drop	
	<b>Management</b>	
	The Proposed Switch Should Support enhanced CLI with exclusive debug / troubleshooting capability.	
	SNMP v1, v2, v3, RMON enabled, SSH, telnet, CLI and should have out of Band Management port	
	Switch should support port-mirroring feature for monitoring network traffic of a particular port/VLAN.	
	The Proposed Switch Should Support ZTP, Dual Boot Partition, SW Image Rollback	
	The Proposed Switch Should Support Rescue Configuration, Configuration rollback, Automatic configuration Rollback	
	The Proposed Switch Should Support DHCP Server	
	The Proposed Switch Should Support Extended ping and traceroute	
	<b>High Availability</b>	

*e-Tender documents for supply & installation of Access Layer Switches for Campus Networking.*

	The Proposed Switch Should be capable to Support Graceful Routing Engine Switchover (GRES) for between master and backup switch in the Fabric/ Stack.	
	<b>Certifications</b>	
	Switch should be ROHS compliant	
	The switch should comply with following safety certification <ul style="list-style-type: none"> <li>• UL-UL60950-1, C-UL to CAN/CSA 22.2 No.60950-1</li> <li>• TUV/GS to EN 60950-1, Amendment A1-A4, A11</li> <li>• CB-IEC60950-1, all country deviations</li> <li>• EN 60825-1</li> </ul>	

## Sr. No. 2 Detailed Specification

S. No.	Detailed Technical Specifications	Complied (Yes / No)
	<b>Architecture</b>	
	Switching capacity - 56 Gbps	
	Switch forwarding rates – 41.7 Mpps	
	Switch should support 24 x 10/100/1000 Base-T ports and 4 x 1G SFP ports onboard	
	Switch Should have DRAM – 512MB, Flash – 1GB, CPU - 800 MHz	
	<b>Connectivity</b>	
	802.3ad based standard port/link aggregation, Jumbo frames, storm control	
	Switch should support stacking	
	Existing 4 x 1G SFP onboard ports should be supported as stacking ports.	
	<b>POE</b>	
	The switch should have a total power budget of 405 watts.	
	The switch should support POE of 15.4 watts of 802.3af class 3 POE to all 24 ports	
	The switch should support full 30 watts of POE+ 802.3at	
	<b>Switching features</b>	
	Switch should support 802.1D, 802.1s, 802.1w, VSTP	
	Should support 32 LAG groups and upto 8 ports per LAG.	
	Should support 16,000 numbers of MAC addresses	
	<b>L3 Features</b>	
	Switch should support 2000 ARP entries and Support for 6,500 IPv4 unicast routes	
	Support Layer3 routing protocols like Static, RIP v1/v2, OSPF v1/v2	
	IGMP v1,v2,v3, IGMP snooping, PIM SM and SSM	
	<b>Security</b>	
	Control plane denial-of-service (DoS) protection	
	Filtering based on source and destination address	
	support for various filters like port based, Vlan based and routed filters	
	<b>Quality Of Service</b>	

*e-Tender documents for supply & installation of Access Layer Switches for Campus Networking.*

	minimum 8 number of hardware queues per port	
	802.1p/DSCP/IP Prec, SDWRR, Tail Drop	
	<b>Management</b>	
	SNMP v1, v2, v3, RMON enabled, SSH, telnet, CLI and should have out of Band Management port	
	Switch should support port-mirroring feature for monitoring network traffic of a particular port/VLAN.	
	Extended ping and traceroute, Configuration and Image rollback.	
	<b>Certifications</b>	
	Switch should be ROHS compliant	
	The switch should comply with following safety certification <ul style="list-style-type: none"><li>• UL-UL60950-1, C-UL to CAN/CSA 22.2 No.60950-1</li><li>• TUV/GS to EN 60950-1, Amendment A1-A4, A11</li><li>• CB-IEC60950-1, all country deviations</li><li>• EN 60825-1 (Second Edition)</li></ul>	

I / we agree to the all above terms and conditions of Tender documents and required specification of the items as per above tender schedule of the **e-Tender notice No.SGGSIE&T/Stores-2886/Access Layer Switches/Camp. Net./2018-19 Date 25/10/2018**

Name of the firm:-

Seal of the firm:

Signature of Tenderer: \_\_\_\_\_

Quotation no.: \_\_\_\_\_

Date: \_\_\_\_\_

**Details of Certificate & documents attached [pl. mark as√ ]**

1. Shop Act Registration
2. CGST/SGST Registration No.
3. Copy of Income Tax returns for last three financial year. [The bidder should have the turnover of at least equal to estimated cost during each of the last three years]
4. Manufacturer's/ Authorized dealership certificate should certify that the items quoted are manufactured by them only.