DAYALBAGH EDUCATIONAL INSTITUTE
DAYALBAGH, AGRA-282005
Notice Inviting Tenders

Limited tender No: DEI/Science/Phy&Comp/KSD/2020-21/TDR-12   Date: 07-01-2021

Sealed tenders are invited from the Approved Manufacturers/Suppliers/Authorized dealers/ Agencies for the supply of the following: -

S. No.	Items	Specifications	Quantity
1.	Network Authenticator	As per Annexure-I	01

The tenderer shall be required to submit the **Earnest Money Deposit (EMD)** for an amount of **Rs. 22,000/-** (Twenty two Thousand Only) by way of demand drafts/banker's cheque/FDRs (refundable) and a non-refundable **Tender Fee** for an amount of **Rs. 200/- (Rupees Two Hundred only)** by NEFT/RTGS. The demand drafts (validity 45 days beyond final bid) for earnest money deposit & UTR number of tender fee remitted through NEFT/RTGS must be enclosed in the envelope containing the bid documents, super-scribed with tender number, due date of submission on the envelop and addressed to :

"The Registrar
Dayalbagh Educational Institute,
Dayalbagh, Agra – 282005, Uttar Pradesh"

Note: Central Purchase Organization, Small Scale Industries/National Small-scale Industries Corporation (NSIC) shall be exempted from payment of EMD. Tenderer seeking exemption should enclose a self-attested photocopy of valid registration certificate with NSIC.
(The Earnest Money will be liable to be forfeited if quotation is not honored or if contact is not signed with the Institute, after the award is made to the Tenderer)

1. Time and last date of submission of the Bid: 11.00 am on 26.01.2021
2. Time of Bid Opening: 11.30 am on 26.01.2021
3. Venue of Bid Opening: Committee Room, CAO, Dayalbagh Educational Institute.

Interested bidders may post (at the above address) or put the tender documents completed in all respect and other requisite documents in the tender box kept in the General Section, CAO, Dayalbagh Educational Institute, Dayalbagh, Agra- 282005. The bidders are also informed that they may come personally or send their representative to be present at the time of opening of bid. Interested bidders who want to come personally or send their representative should bring a medical fitness certificate from Saran Ashram Hospital Dayalbagh. Without certificate nobody will allow to join opening tender meeting. Please note that tender box shall be opened at the time mentioned above irrespective of whether bidders himself or any of their representative are present or not. The tenders shall not be entertained after this deadline under any circumstances whatsoever. For more details please visit the Institute's website http://www.dei.ac.in. or contact Dr. K. Soami Daya- 9411403166.

Registrar
Dayalbagh Educational Institute

General Terms & Conditions

Note: Bidders must submit the following primary information/documents with the quotation. Bidders will have to indicate these particulars in their quote failing which the offer may be rejected. Please do produce the related documents whenever required by the Institute.

1. Trade License/Company Registration No.
2. Goods / Service Tax Regn. No.
3. Income Tax PAN No.
4. Firm's Bank A/c details
5. Bidders are requested to quote rate(s) per unit(s) only in the recognized Accounting units otherwise your quotation will not be accepted.
6. Cost of items shall include installation, support and troubleshooting.
7. Warranty and Support: for Hardware and Software should be explicitly mentioned. Performance Security is required to be submitted by the successful bidder between 5-10% of the value of the order or contract in the form of FDR/Bank Guarantee or authorize the Institute to deduct aforesaid amount from the bills as performance security.
8. Bidders should be OEM/Authorized partner/Authorized dealer of OEM.
9. Bidders should quote rates as per details/specifications mentioned in notice inviting Tender. The Institute reserves the right to place order for each job to single/separate vendor(s) if necessary.
10. Bidders should quote rates on FOR/Free Delivery at the sites specified in the Notice inviting Tender, inclusive of all charges else should mention estimated cost of packing, forwarding, insurance and freight by Rail/Road/Post etc. as the case may be.
11. Bidders must indicate if their rate is inclusive of Taxes and duties, if any.
12. In case opening date of Tender happens to be holiday, tender will be received and opened on the next working day at the same time and same place. Quotation received after the closing date will not be entertained and revision in the price will render the bid invalid. Quotation should indicate clearly the period of Validity, preferably not less than 45 days**.**
13. In case of an offer for items having multiple options, you should clearly indicate item-specific price(s). Please quote separate item-wise rate(s), when quotation has been asked for so. For every offer, packing and forwarding charges, Taxes etc. should be shown separately.
14. Bids will be evaluated after equated comparison of offers upon calculating all tax/duty/cess/surcharge/discount/packing/transportation costs, other charges with price and non-compliance of technical and commercial terms will render a bid liable for rejection.
15. Bidders will have to submit Bills/Invoices on dispatch of stores, if ordered, to this office in triplicate duly pre-receipted (and stamped for amount over Rs. 5000/-) and supported by the relevant delivery documents for audit and payment directly in your bank account through RTGS/NEFT. Generally, payments can be expected within one month and are made against acceptance of supplies/ jobs completed and in deserving cases, against shipment documents.
16. No insurance charges are allowed unless otherwise specified and agreed to by us. In the absence of any specific instructions, it will be the responsibility of the supplier to ensure a consignment against transit risk at his own expense if he so desires.
17. The Institute is not bound to accept the lowest rate or any other offer and the acceptance of the offer is entirely at the discretion of the Committee.
18. All purchases are subject to the approval of the Governing Body of the Institute.
19. The Institute reserves the right to select certain items in single or multiple units and reject the others or all as mentioned in the schedule and to revise or alter the specifications before acceptance of any

tender and accept or reject any or all tenders, wholly or partly or close the tender without assigning any reason whatsoever.

20. The Bidder shall be required to submit the amount of Rs. 22,000/- (Twenty two Thousand Only) as **Earnest Money Deposit** (EMD) by way of demand drafts/banker's cheque/FDRs as mentioned in the Notice Inviting Tender which is refundable and a non-refundable **Tender Fee** for an amount of **Rs 200/-** (Rupees two hundred only) by way of NEFT/RTGS in Savings Bank Account No.000300009201 in the name of DAYALBAGH EDUCATIONAL INSTITUTE at Radhasoami Urban Cooperative Bank Ltd. at Dayalbagh, IFSC Code- IBKL0080RUC should not be dated prior to the date of advertisement. The demand drafts shall be drawn in favour of **"Dayalbagh Educational Institute, Agra"** payable at **Agra**. The bidders may seal technical and financial bids separately and put these two sealed envelopes in a bigger envelop, super-scribed with tender number and due date of submission on it. **Bids are invited under single stage bidding system (Single Stage Single Envelop System).**

21. The demand drafts (validity 45 days beyond final bid) & UTR number of tender fee remitted through NEFT/RTGS must be enclosed in the envelope containing the Technical bid.

    a.) The firm(s) that are registered with the National Small Industries Corporation (NSIC) / or Small-Scale Industries (SSI) are exempted from furnishing the EMD. Self-attested photocopy of the valid registration certificate must be enclosed with their bid.

    b.) The demand drafts for EMD & UTR number of tender fee remitted through NEFT/RTGS must be enclosed in the envelope containing the technical/price bid and super-scribed with tender number and due date of submission on it. Any technical/price bid is found without the demand drafts of EMD and tender fee will be rejected. The Institute will not be liable to pay any interest on such an amount. The EMD shall be forfeited, if the Bidder withdraws its bid during the period of validity of Tender.

22. Arbitration and Laws: In case of any dispute or difference arising out of or in connection with the tender conditions / order and Contract, the Institute and the Supplier will address the dispute / difference for a mutual resolution and failing which, the matter shall be referred for arbitration to a sole Arbitrator to be appointed by the Institute. The Arbitration shall be held in accordance with the provisions of the Arbitration and Conciliation Act, 1996 and the venue of arbitration shall be at Agra only. The resolution of the Arbitrator shall be final and binding on both the parties.

23. Jurisdiction: The courts at Agra alone will have the jurisdiction to try any matter, dispute or reference between parties arising out of this tender /contract. It is specifically agreed that no court outside and other than Agra court shall have jurisdiction in the matter.

24. **Customs Duty & Excise Duty:** Please note that the Dayalbagh Educational Institute, Agra, Uttar Pradesh other than Hospital is registered with the DSIR for purpose of availing Customs Duty Exemptions in terms of Notification No.51/96-CUSTOMS dated 23.7.1996, Notfn. No.47/2017-Integrated Tax (Rate) dated 14-11-2017 and Notfn. No.45/2017-Central Tax (Rate) dated 14-11-2017, Notfn. No.45/2017-Union Territory Tax (Rate) dated 14-11-2017 & Notfn. No.9/2018- Central Tax (Rate) dated 25-01-2018, Notfn. No.9/2018- Union Territory Tax (Rate) dated 25-01-2018 as amended from time to time, for research purpose only, the bidders are, however, requested to quote accordingly for relevant supplies.

Registrar, DEI

S.No	Network Authenticator Specifications
1	The Proposed Network Authenticator/ Firewall Vendor should be in the Leaders' Quadrant of the latest Gartner Magic Quadrant for Enterprise Firewalls
2	Network Authenticator/ Firewall appliance should be supplied with at least 4x10GE SFP+, 6x GE RJ45, 6x1GE SFP (SFP Transievers to be populated as per solution requirement). In addition, it should have dedicated 1GE RJ-45 interfaces for Management and High Availability. Firewall should have provision of 2x40G slots on Day1 for future expansion and scalability.
3	The Network Authenticator/ Firewall Threat Prevention (FW + AVC + IPS +Anti Malware) throughput should be at least 6 Gbps for mix / production traffic.
5	Firewall should support 475K new sessions per second
6	Firewall should support 7 Million concurrent sessions
7	Firewall should support 5K site-to-site VPN tunnels & 5K Client to Site VPN tunnels
8	The Firewall solution should support NAT64, DNS64 & DHCPv6
9	The Firewall device should have in-built SSD based storage of at least 900 GB.
10	The proposed system shall be able to operate on either Transparent (bridge) mode to minimize interruption to existing network infrastructure or NAT/Route mode. Both modes can also be available concurrently using Virtual Contexts. The proposed solution should support Virtualization (Virtual Firewall, Security zones and VLAN). Minimum 5 Virtual Firewall license should be provided.
11	The physical interface shall be capable of link aggregation, otherwise known as the IEEE 802.3ad standard, allows the grouping of interfaces into a larger bandwidth 'trunk'. It also allows for high availability (HA) by automatically redirecting traffic from a failed link in a trunk to the remaining links in that trunk.
12	The proposed system should have integrated Traffic Shaping functionality.
13	The Firewall should have integrated SSL VPN solution to cater to 5000 SSL VPN concurrent users.
14	The Firewall, IPSEC VPN, SSL VPN, IPS and Antivirus modules shall belong to product family which minimally attain Internet Computer Security Association (ICSA) Certification.
15	The proposed system should support
16	a) IPSEC VPN
17	b) PPTP VPN
18	c) L2TP VPN
19	d) SSL VPN
20	The device support inbuilt hardware VPN acceleration
21	NGFW solution should have capability to protect against Denial of Service (DOS) and DDOS attacks. Should have flexibility to configure threshold values for each of the Anomaly. DOS and DDOS protection should be applied and attacks stopped before firewall policy look-ups.
22	NGFW should have a configurable action like terminate a TCP session by issuing TCP Reset packets to each end of the connection, or silently drop traffic in addition to sending a alert and logging the incident

23	Firewall should have capability to monitor ISP link quality in terms of latecy, jitter & packet loss.
24	Firewall should have capability of intelligent routing and failover of traffic on ISP links based on Application Visibility and link Performance SLAs.
25	**Antivirus**
26	The threat prevention (FW + AVC + IPS + Antivirus /Antimalware) throughput should be at least 6 Gbps on Mix / Production traffic
27	The proposed system should be able to block, allow or monitor only using AV signatures and file blocking based on per firewall policy based or based on firewall authenticated user groups with configurable selection of the following services:
28	HTTP, HTTPS, SMTP, SMTPs, POP3, POP3s, IMAP, FTP etc
29	The proposed system should be able to block or allow oversize file based on configurable thresholds for each protocol types and per firewall policy.
30	The NGFW solution must have capability to integrate with Anti-APT solution to scan for zero day malwares from Day 1
31	**Web Filter & Application Control**
32	The proposed Firewall device should provide Web filtering inspection based on real-time URL categorization database of at least 200+ milliion URLs with 75+ categories.
33	Firewall should have Safe Search capability to transparently inserts Safe Search parameter in request for at least Google, Bing, Yahoo etc . It should support YouTube Education Filter.
34	Web filtering should support local categories & category rating override to customize the filters.
35	The proposed system shall have the ability to detect, log and take action against network traffic based on over 3000 application signatures
36	The application signatures shall be manual or automatically updated
37	The administrator shall be able to define application control list based on selectable application group and/or list and its corresponding actions
38	**Data Leakage Prevention**
39	The proposed system shall allow administrator to prevent sensitive data from leaving the network. Administrator shall be able to define sensitive data patterns, and data matching these patterns that will be blocked and/or logged when passing through the unit.
40	**High Availability**
41	The proposed system shall have built-in high availability (HA) features without extra cost/license or hardware component
42	The device shall support stateful session maintenance in the event of a fail-over to a standby unit.
43	High Availability Configurations should support Active/Active or Active/ Passive
44	The Firewall device should have internal redundant hot swappable power supplies.
45	**Intrusion Prevention System**
46	The IPS capability shall minimally attain NSS Certification
47	The IPS detection methodologies shall consist of:
48	a) Signature based detection using real time updated database
49	b) Anomaly based detection that is based on thresholds
50	The IPS system shall have at least 10,000 + signatures

51	In event if IPS should cease to function, it will fail open by default and is configurable. This means that crucial network traffic will not be blocked and the Firewall will continue to operate while the problem is resolved
52	IPS solution should have capability to protect against Denial of Service (DOS) and DDOS attacks. Should have flexibility to configure threshold values for each of the Anomaly. DOS and DDOS protection should be applied and attacks stopped before firewall policy look-ups.
53	IPS signatures should have a configurable action like terminate a TCP session by issuing TCP Reset packets to each end of the connection, or silently drop traffic in addition to sending a alert and logging the incident
54	Signatures should a severity level defined to it so that it helps the administrator to understand and decide which signatures to enable for what traffic (e.g. for severity level: high medium low)
55	**Management**
56	The proposed firewall should have inbuilt management - HTTPS, SSH, ETC. If not bidder need to propose dedicated management solution.
57	The management platform must be accessible via a web-based interface and ideally with no need for additional client software