



Date: 06/08/2026

TENDER NOTICE

By Post /Drop in Tender Box only

Tender No. Ref: AIMSCS/ENQ/011/26-27

Sealed tenders are invited from eligible manufacturers/authorized dealers/distributors for the **supply, delivery, installation, testing, commissioning and warranty support of Firewall and Network Switches** to CR Rao AIMSCS, as per the specifications and Terms & Conditions mentioned below.

Tenders must reach the undersigned **on or before 21/08/2026 by 05:00 PM**

- Date of Opening **Sealed Tender Box & Technical bid** : 24/08/2026 after 10:00 AM
- Date of Opening **Commercial Bids** : Will be informed to qualified bidders.

Please send your quotation as per the **Two Bid formats (Technical Bid and Commercial Bid)** Each bid must be placed in a **separate sealed cover**, clearly mentioning the **Enquiry Reference Number** and **Date** on the envelope. **Technical Bid must have Make and Model of the offered products.** Both sealed covers should be sent by **post** or dropped in the **Tender Box** located at the CR Rao AIMSCS Administrative Office premises. **Post to:**

**The Registrar, CR RAO AIMSCS, University of Hyderabad campus,
Prof. CR Rao Road, Gachibowli, Hyderabad- 500046, INDIA.**

❖ **Note: Bid Security (EMD) of Rs. 25,000/-** must be drawn in favor of “C R Rao AIMSCS”, Payable at Hyderabad, and attached only to the Technical Bid. Tenders without EMD shall be summarily rejected.

*** Supply of Firewall and Network Switches ***

Scope of Supply:

Supply of **Firewall and Network Switches** conforming to the following minimum technical and quantities as per mentioned below, the offered items shall be new, unused, of the latest manufacture, and suitable for high end networking.

The price should be Including of Supply, Transportation / Delivery at site, Installation, Testing, Commissioning and Warranty support.

1. Next Gen Firewall

Required Quantity: 1 Nos.

Technical Specifications:

Appliance Type	Dedicated Hardware-based Next Generation Firewall (NGFW), 19" Rack Mount (1U or 2U). Virtual appliances not accepted.
Make/OEM	Reputed Make; OEM should be an established global manufacturer of Network Security Appliances
Firewall Type	Next Generation Firewall
Firewall Throughput	Minimum 20 Gbps Firewall Throughput (IPv4)
Threat Protection Throughput	Minimum 15 Gbps with IPS, Anti-Malware and Application Control enabled.

IPS Throughput	Minimum 15 Gbps
IPsec VPN Throughput	Minimum 10 Gbps
SSL/TLS Inspection	Minimum 5 Gbps SSL/TLS Inspection throughput.
Concurrent Sessions	Minimum 5 Million concurrent sessions.
New Sessions/sec	Minimum 100,000 new sessions per second.
Interfaces/Ports	Minimum 4x 1GbE Port Minimum 4x 10Gb SFP+ Port Provision for Additional interfaces through PCIe expansion slot
Management Port	Dedicated Management Interface
WAN and Multi WAN	Multi WAN Support, WAN Aggregation Support, 4x WAN Interface
Load Balancing	Load Balancing support
USB Ports	Minimum one USB port for storage/log export or software installation.
High Availability	Active-Active and/or Active-Passive High Availability
Power Supply	Dual (Redundant) Power Supply; and As per Indian Standard.
VLAN Support	IEEE 802.1Q VLAN support.
IPv6	Full IPv4 and IPv6 support.
NAT	Static NAT, Dynamic NAT, PAT, One-to-One NAT and Policy NAT.
VPN	IPSec Site-to-Site, Remote Access VPN, SSL VPN and IKEv2 support.
Intrusion Prevention	Built-in/Plug-in based IPS with automatic signature updates.
Web Filtering	URL Filtering based on Categories and Database.
Anti-Malware	Gateway Anti-virus/Anti-malware inspection for HTTP, HTTPS, FTP, SMTP, POP3 and IMAP as applicable.
DNS Security	DNS Filtering and protection against malicious domains.
SSL Inspection	Deep SSL/TLS inspection with certificate management.
User Authentication	Local, LDAP, Active Directory, RADIUS, TACACS+ and SAML support or equivalent
Captive portal	Built-in/Plug-in based captive portal
Multi-Factor Authentication	Support MFA for administrative and VPN access (Optional)
Logging	Local Log Storage and Syslog support.
Reporting	Built-in graphical reports
Centralized Management	Support centralized management platform
QoS	Traffic Shaping and QoS based on Application/User/Policy.
Administrative Access	HTTPS, SSH, CLI and Role-Based Access Control (RBAC).
Warranty	3 Years Comprehensive Onsite Warranty
Subscription	3 Years subscription for IPS, Application Control, Anti-Malware, Web Filtering, Firmware & Signature Updates and Technical Support. (Should be specified if subscription required) OR Open Source License
Operating System/Firewall Software	Should be specified

2. Core Network Switch

Required Quantity: 1 Nos.

Technical Specifications:

Appliance Type	Dedicated Hardware-based Network Switch, 19" Rack Mount (1U or 2U). Virtual appliances not accepted.
Make/OEM	Reputed Make; OEM should be an established global manufacturer of Network Appliances
Features	Manageable Switch, L3 Switch with Advanced Features
Ports	24x 1/10G SFP+ Ports 2 x 1/10/25G SFP28 Uplink Ports (Optional)
Switching Capacity	480 Gbps
Stackable	Yes
Link aggregation	IEEE 802.3ad LACP
Power Supply	Redundant Hot-Swappable Power Supply; Indian Standard
Warranty	3 Years Comprehensive Onsite Warranty

3. Network Switch

Required Quantity: 2 Nos.

Technical Specifications:

Appliance Type	Dedicated Hardware-based Network Switch, 19" Rack Mount (1U or 2U). Virtual appliances not accepted.
Make/OEM	Reputed Make; OEM should be an established global manufacturer of Network Appliances
Features	Manageable Switch, L2/L3 Switch with Advanced Features
Ports	24x 10/100/1000BASE-T Ports 4x 1/10G SFP+ Uplink Ports
Switching Capacity	128 Gbps
Stackable	Yes
Link aggregation	IEEE 802.3ad LACP
Power Supply	Indian Standard Power Supply and Cords
Warranty	3 Years Comprehensive Onsite Warranty

Note: The final quantity may vary based on our allocated budget and requirement.

Tender Terms and Conditions (ALL):

- 1.** Tenders received after the stipulated **due date and time** shall not be considered. **C R RAO AIMSCS** shall not be responsible for any postal or courier delays.
 - 2.** Quotations shall remain valid for a period of **90 days** from the date of submission. No revision in rates will be permitted after submission. The quoted rates shall remain firm until execution of the purchase order.
 - 3.** Quotations must be submitted on the **firm's official letterhead**, clearly mentioning, Contact telephone numbers and Email address, GST/VAT/CST/Service Tax registration details, Performance Bank Guarantee details (if applicable), Delivery period, Warranty period, PAN/TIN registration details, and any other applicable charges.
 - 4.** The purchase quantity may be **increased or decreased** at the time of order, depending on requirements and budget availability.
 - 5.** Delivery shall be completed within **2–3 weeks** from the date of issue of the purchase order.
 - 6.** Materials shall be delivered at the **Administrative Office, CR Rao AIMSCS**. No transportation or freight charges shall be paid separately.
 - 7.** Payment shall be released within **10 working days** after successful **supply and installation**. **No advance payment** shall be made.
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- 8. A Bid Security (EMD) of ₹25,000/- (Rupees Twenty Five Thousand only)** shall be drawn in favour of **"C R RAO AIMSCS"**, payable at **Hyderabad**, and must be submitted **only with the Technical Bid**.
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- 9. Educational or institutional discounts**, if applicable, may be clearly mentioned in the quotation.
 - 10. For any technical clarification**, vendors may contact via email: **tenders@cr RaoAIMSCS.res.in**
 - 11. Warranty & Support**
 - Warranty shall commence from the date of successful installation and acceptance.
 - The vendor shall provide free replacement/repair of defective parts during the warranty period.
 - 12. Post-warranty service terms** must be clearly specified. Availability of a **local service center in Hyderabad** will be preferred.
 - 13.** All other terms and conditions shall be governed by the **CR Rao AIMSCS Purchase Policy**.
 - 14. CR Rao AIMSCS** reserves the right to accept or reject any or all tenders, wholly or partially, without assigning any reason. The decision of CR Rao AIMSCS shall be **final and binding**.
 - 15.** Vendors must possess **prior experience** in supply, installation, and system integration for **government or similar organizations**. Supporting documents may be enclosed.
 - 16. Bid Opening & Evaluation**
 - Technical bids will be opened first. Only vendors who qualify technically will be considered for opening of the commercial bid.
 - The decision of the Tender Committee regarding technical qualification and bid evaluation shall be final and binding.
 - 17. Bid Submission Mode**
 - Bids must be submitted in two-bid system (Technical Bid and Commercial Bid) in separate sealed

envelopes, clearly superscribed.

- Late, conditional, or incomplete bids will be rejected summarily.

18. Clarifications & Amendments

- CR Rao AIMSCS reserves the right to seek clarification from bidders during evaluation.
- Amendments or corrigenda, if any, shall be notified on the official website/email and will form part of the tender document.

19. Liquidated Damages / Penalty

- In case of delay in supply or installation beyond the stipulated period, liquidated damages may be levied at a rate specified by CR Rao AIMSCS, subject to a maximum ceiling.

20. Taxes & Duties

- All applicable taxes, duties, and levies shall be clearly indicated in the quotation.
- Statutory variations, if any, shall be governed as per Government norms.

21. Force Majeure

- Neither party shall be held responsible for failure or delay due to events beyond reasonable control, such as natural calamities, war, strikes, or government restrictions.

22. Termination Clause

- CR Rao AIMSCS reserves the right to terminate the contract partially or fully in case of breach of terms, non-performance, or unsatisfactory service.

23. Confidentiality

- Vendors shall maintain confidentiality of all information related to CR Rao AIMSCS and shall not disclose any data to third parties without prior written consent.

24. Arbitration & Jurisdiction

- Any disputes arising out of the tender shall be subject to Hyderabad jurisdiction.
- Disputes shall be resolved through arbitration as per the Arbitration and Conciliation Act, 1996.

25. Blacklisting / Integrity Clause

- Vendors blacklisted by any Government/PSU/Autonomous body are not eligible to participate.
- Vendors must submit a self-declaration regarding non-blacklisting.

26. Subcontracting

- Subcontracting of the awarded work shall not be permitted without prior written approval of CR Rao AIMSCS.

27. Compliance with Laws

- The vendor shall comply with all applicable Central and State laws, rules, and regulations during execution of the contract.

28. Bid Security Forfeiture

- Bid Security/EMD shall be forfeited in case of withdrawal or modification of bid during validity period or failure to execute the contract after award.

29. Acceptance of Tender Conditions

- Submission of the bid shall be deemed as unconditional acceptance of all tender terms and conditions

Sd/-