



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान मोहाली

मानव संसाधन विकास मंत्रालय, भारत सरकार द्वारा स्थापित
सैक्टर 81, नॉलेज सिटी, प० ओ० मनोली, एस० ए० एस० नगर, मोहाली, पंजाब 140306
INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH MOHALI

(Established by Ministry of Human Resource Development, Govt. of India)
Sector-81, Knowledge city, PO-Manauli, SAS Nagar Mohali-140306, Punjab
PAN No. - AAAAI1781K GST: 03AAAAI1781K2ZS

• Phone : +91-172-2240086 & 2240121 • Fax : +91-172-2240124, 2240266 • <http://www.iisermohali.ac.in> • Email: stores@iisermohali.ac.in

[CPPP/Institute Website](#)

IISERM (1061)18/19-Pur

Dated: 17.12.2018

NOTICE INVITING E-TENDER

Online tenders are invited on behalf of Director, IISER Mohali in **TWO BID SYSTEM** for **Supply, installation, Configuration & Testing, Commissioning and Maintenance of Next Generation Firewall (NGFW) Appliances” with five year subscription, support & warranty** from reputed companies/firms/ individuals/ societies etc. those are in the similar business at CPPP i.e. <https://eprocure.gov.in/eprocure/app>. Tender documents may please be downloaded from the E-procurement portal website <https://eprocure.gov.in/eprocure/app> & Institute website www.iisermohali.ac.in.

-sd-

(Mukesh Kumar)
Assistant Registrar (S&P)



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E-TENDER NOTICE

Tender Ref.- IISERM(1061)18/19-Pur

Dated : 17th December, 2018

Critical Date Sections

Sr.	Description	Date	Time
1.	Tender Publishing Date and time	17 th December, 2018	6:00pm
2.	Tender Document download start Date & Time	17 th December, 2018	6:00pm
3.	Bid Submission start Date & Time	17 th December, 2018	6:00pm
4.	Bid Submission End date and Time	17 st January, 2019	Upto 11:00am
5.	Tender opening Date and Time	18 th January, 2019	At 11.30 am

Online tenders are invited on behalf of the Director, IISER Mohali in **TWO BID SYSTEM** for following item(s) from the original manufacturer/supplier at CPPP i.e. <https://eprocure.gov.in/eprocure/app>. Tender documents may please be downloaded from the E-procurement portal website <https://eprocure.gov.in/eprocure/app> & Institute website www.iisermohali.ac.in. Tender fee in shape of DD/Banker Cheque of Rs 590/- (Non-refundable) and EMD of Rs.1,00,000/- should be submitted by DD /Banker Cheque/FDR/ Bank Guarantee in favour of the Registrar, IISER Mohali payable at Mohali. However, scanned copy of the both tender fee and EMD should be upload on website along with technical bid part. The hard copy of the same in original to be send to the address mentioned below duly superscribing the supply/work name and reference/ tender ID on the envelope and same must reach before opening the bid and if not received within due date the bid will be rejected summarily.

The Original EMD and Tender Fee should be sent to:

Assistant Registrar (S&P)
Indian Institute of Science Education and Research,
Mohali Sector 81, SAS Nagar, Mohali, Punjab,
India, Pin: 140306

Non-receipt of original EMD and Tender Fee will lead to rejection of tender.

Item Details:

S. No.	Details of Specifications of the Stores	Qty.
1.	<p data-bbox="183 219 1351 327"><u>Supply, Installation, Configuration and Testing, Commissioning and Maintenance of “ Next Generation Firewall (NGFW) Appliance ” in High Availability (HA) mode with five year subscription, support and warranty.</u></p> <p data-bbox="183 365 671 398">TECHNICAL SPECIFICATIONS:</p> <ol data-bbox="236 405 1351 2009" style="list-style-type: none">1. Proposed NGFW vendor must be leader in Gartner Magic Quadrant for Enterprise Network NGFW’s2. Vendor should not have reported any backdoor vulnerability in their product or OS for past 3 years3. The solution must support Firewall, Application visibility and control, IPS, Anti-virus, Anti-malware, Anti-bot, URL Filtering, Anti-Spam & Email Security from day one.4. The solution should be quoted in HA with 5 year subscription and support.5. The solution should be per device and not user/IP based (should support unlimited users).6. Firewall should support Active/Active and Active/Passive HA and must support synchronization of sessions.7. The solution should support Non Stop Forwarding in HA during failover and Graceful Restart.8. Firewall should support both IPv4 and IPv6 addressing simultaneously.9. Firewall should be capable of load-balancing and failover of minimum two ISP connections.10. Firewall should be supplied with cloud based sandbox module for zero-day attack prevention from day one.11. The platform must be supplied with at least 10 x 1GBase-t, 4 x 1G SFP, 4 x 10G SFP+ from day one and with redundant power supply.12. The solution should be 64 bit hardware platform or multicore parallel Processing Architecture.13. NGFW Appliance should have internal Log storage of 480GB or more.14. Total rack space required for the firewall unit plus storage should not be more than 6U including redundant units .15. NGFW (IPS + Application Control + Firewall features enabled) Throughput should not be less that 7 Gbps.16. The NGFW must support at least 10 million concurrent Connections.17. The NGFW must support more that 150,000 new connections per second processing .18. The Threat Prevention Throughput should be 4 Gbps .19. The proposed solution must support upto 8 Gbps of IPSEC VPN throughput and minimum 200 SSL/VPN user license .20. It should support the filtering of TCIP/IP based applications with standard TCP/UDP ports or deployed with custom ports .21. NGFW updates should have an option of Automatic downloads and scheduled updates so that it can be scheduled for specific days and time .22. NGFW should support over 5000+ applications .23. The IPS should scan all parts of the session in both directions .24. It should be able to block Instant messaging like Yahoo, MSN, ICQ, Skype (SSL and HTTP tunneled) .25. It should enable blocking of Peer-Peer applications like Kazza, Gnutella, Bit Torrent, IRC (over HTTP and SSL) .	One unit complete (as per specs)

26. The NGFW should support authentication protocols like LDAP, RADIUS and have support for NGFW passwords, smart cards & token-based products like SecurID, LDAP-stored passwords, RADIUS or TACACS+ authentication servers and X.509 digital certificates .
27. IPS should have the functionality of Geo Protection to block the traffic country wise in incoming direction, outgoing direction or both. IPS also should alert through Mail if any IPS traffic /event detected from Specific Country.
28. The NGFW should support advanced NAT capabilities, supporting all applications .
29. NGFW should support Identity Access for Granular user, group and machine based visibility and policy enforcement.
30. IPS should be able to detect and prevent embedded threats with SSL traffic.
31. The NGFW should be managed by single management and single console along with built in Logging & Reporting option or different appliance can be quoted for Management and Logging.
32. NGFW Management/logging appliance should have minimum Log storage of 2 TB HDD .
33. Firewall should support management of firewall policies via Cli, Ssh & inbuilt GUI management interface.
34. Firewall should support the functionality of Auto-Update to check for latest software versions & download the same.
35. The proposed solution must be an Appliance based solutions with capability to handle 8 GB per day logs.
36. Firewall should be ICSA certified
37. The proposed solution should be recommended by NSS Labs.
38. The complete solution must be quoted with 5 year subscription, support and warranty.

Terms and conditions of tender:

1. Bidder should have executed orders of similar nature in the past in at least three different Govt / Semi-Govt organizations. Supporting documents should be attached for this.
2. The bidder should be ISO 9001:2000 & QS: 9000 certified.
3. Bids must be accompanied by an authorization certificate from each OEM specific to this tender.
4. Technical bid should accompany the model number, part number of all quoted items along with data sheets.
5. Solution should be quoted with comprehensive five year subscription, on-site support and warranty.
6. Bidder will have to do the installation along with migration of old firewall setup as per our convenience without any extra cost involved.
7. Comprehensive training of our staff on management and usage of the equipment is to be provided on site. Detailed documentation and quick reference cards should be provided as a part of this training.

NB :-

- I. The online updated Price BOQ is in INR format. If bidder want to quote other than INR please specify the quoted currency in the technical bid/part and fill the amount in same updated BOQ.
- II. Please bifurcate the price on shipping terms i, e, Ex-works -> FCA/FOB -> CIP/CIF in price BOQ and specify the same in technical bid without price.

SUBMISSION OF TENDER

- I. All bid/ tender documents are to be uploaded online at Central Public Procurement portal i.e. <https://eprocure.gov.in/eprocure/app> only and in the designated cover/ part on the website against tender ID. Tenders/ bids shall be accepted only through online mode and no manual submission of the same shall be entertained except tender fee and EMD. Late tenders will not be accepted.
- II. The online bids shall be opened at the office of the Assistant Registrar (P&S), IISER Mohali, on above given date and time. If the tender opening date happens to be on a holiday or non-working day due to any other valid reason, the tender opening process will be attended on the next working day at same time and place. IISER Mohali will not be responsible for any error like missing of schedule data while downloading by the Bidder.
- III. The bidder shall upload the tender documents duly filled in and stamped by the authorized signatory on each and every page. Tender not submitted/uploaded in the prescribed form and as per the tender terms and conditions shall be liable for rejection.
- IV. The bidder shall upload scanned copy of the PAN Card, GST number duly signed and stamped.
- V. E-procurement system ensures locking on the scheduled date and time. The system will not accept any bid after the scheduled date and time of submission of bid.

INSTRUCTIONS

1. The Online bids should be submitted directly by the original manufacturer/supplier, If quotation is submitted/filled by any representative/agent/dealer then they must upload a authority certificate from the principal company for quoting the price otherwise such quotation will be rejected.
2. The quantity mentioned in this inquiry is and shall be deemed to be only approximate and will not in any manner be binding on the Institute. Before the deadline for submission of the online bid, IISER Mohali reserves the right to modify the tender document terms and conditions. Such amendment/modification will be notified on website against said tender ID.
3. The rates offered should be FOR Chandigarh/Mohali in case of firms situated outside Chandigarh/Mohali, and free delivery at the Institute premises in case of local firms. Supplier from outside India should mention the Ex-works/FOB/FCA/CIF/CIP price clearly. Conditional tenders will be summarily rejected.
4. In case of Ex-godown terms the amount of packaging forwarding freight etc. should clearly be indicated by percentage or lump sum amount. Institute has policy not to make any advance payments towards any purchase, Letter of credit can be opened if required.
5. THE INSTITUTE IS EXEMPTED FROM EXCISE AND CUSTOM DUTY under notification no- TU/V/RG/-CDE(1062)/201 CUSTOM DT.30.08.2016.
6. Tax: This Institute is not exempted from the payment of GST. The current rate (i.e. percentage of GST should be clearly indicated included or excluded) wherever chargeable. Please also provide/upload the copy of PAN card, GST number duly self-attested.
7. Concessional GST is applicable for all the items purchased for Research labs vide Ministry of Finance, notification no. 45/22017 dated 14.11.2017 and 47/2017 dated 14.11.2017.
8. Bidder/s quoting in currency other than **Indian Rupee (INR)** should explicitly mention the

currency in which tender quoted wherever applicable in Technical Bid along the tender documents.

9. The delivery period should be specifically stated. Earlier delivery will be preferred.
10. The firms are requested to provide/upload detailed description and specifications together with the detailed drawings, printed leaflets and literature of the article quoted. The name of the manufactures and country of manufacture should also invariably be stated. In the absence of these particulars, the quotation is liable for rejection.
11. Validity of offer: 90 days. The warranty period after satisfactory installation should be mentioned and firm should replace all manufacturing defect parts/ whole item under warranty without any extra cost including clearance, freight, taxes. Security deposit/ Bank Performance Guarantee @ 10 % of the value of supply order as per norms may be sought from the firms.
12. The right to reject all or any of the quotation and to split up the requirements or relax any or all the above conditions without assigning any reason is reserved by the IISER Mohali. For any corrigendum and addendum please be checked the website <https://eprocure.gov.in/eprocure/app> and <http://www.iisermohali.ac.in>
13. Disputes, if any, shall be subject to jurisdiction in the court of Mohali only.

–sd/-

(Mukesh Kumar)
Assistant Registrar (S&P)