



Government of West Bengal  
Office of the Principal  
Nil Ratan Sircar Medical College  
Kolkata – 700014; Phone: 033-2286-0033  
Website: [www.nrsmc.edu.in](http://www.nrsmc.edu.in); e-mail: [principalnrsmc@gmail.com](mailto:principalnrsmc@gmail.com)

Memo No: NMC/STORE/ 2585

Dated: 10/06/2024

**E-TENDER NOTICE (NIT No: 1/ 24-25) FOR PURCHASE AND INSTALLATION OF FIREWALL  
FOR NIL RATAN SIRCAR MEDICAL COLLEGE & HOSPITAL KOLKATA - 700014.  
(Through Pre-qualification)  
(Submission of Bid through NIC e- tender portal)**

The Principal, Nil Ratan Sircar Medical College, Kolkata – 700014, is going for e-Tender on behalf of the Health & Family Welfare Department, Government of West Bengal for obtaining the rate of firewall from bonafide Manufacturer/Direct Importer/Authorized Distributors. Necessary earnest money to be submitted for participation in the Tender is appended in the table below. Exemption of EMD is applicable to agencies having valid, item specific certificate issued by appropriate authority of Govt. of West Bengal.

1)

Sl. No	Name of service	Earnest Money
1	Firewall	Rs. 18000.00

**1. General Instructions:**

In the event of e-filing, intending bidder may download the tender documents free of cost from the website: <http://wbtenders.gov.in> directly with the help of Digital Signature Certificate or from the Health & Family Welfare Department's website [www.wbhealth.gov.in](http://www.wbhealth.gov.in).

**2. Submission of Bids:**

Both Technical Bid and Financial Bid are to be submitted concurrently duly digitally signed, in the website <http://wbtenders.gov.in>. All papers must be submitted in English language.

**3. Time Schedules:**

The time schedule for obtaining the bid documents, pre bid meetings, registration with the tendering authorities, the submission of bids and other documents etc. will be as per **the list provided in clause no 12** as given below. Bidder are instructed to wait for uploading any corrigendum arising during pre bid meeting, before submitting their bid online

**4. Eligibility for Quoting:**

**Only Manufacturers/direct Importers/Authorized Distributors are eligible for quoting.** The price is to be quoted in Indian Rupees including cost of insurance, packing, forwarding, freight charges, clearing charges and installation of the new instrument and exclusive of GST and other taxes which are to be quoted separately in the BOQ. Agency commission is not permissible.

**5. Submission of Tender:**

The tender is to be submitted in Two Bid System (Technical Bid or Bid A& Financial Bid or Bid B).

**(A) Technical Bid or Bid A:****“BID A”: PART I**

**File containing Technical Bid only - single file with multiple scanned pages containing Statutory and My documents separately.**

**(a) STATUTORY** Cover containing the following documents:

(SINGLE FILE MULTIPLE PAGES SCANNED)

Essential Requirements of the Tendering Firm for participation” shall contain all papers related to the essential requirements of the Renderer for participation in the tender viz.

Sl. No.		Page no
	<b>Duly filled in CHECK LIST in the prescribed format. Page number of documents must be mentioned in the check list before uploading the same.</b>	
1	Application in the prescribed format given in Annexure I	
2	No conviction certificate in the form of an Affidavit as per Annexure-II	
3	A Proof of submission of applicable END	

**(b) NON STATUTORY/MY DOCUMENTS** Cover Containing the following documents:

Essential Requirements of the Tendering Firm for participation” shall contain all papers related to the essential requirements of the Renderer for participation in the tender viz.

Sl. No.	Category	Sub Category	Sub Category Description	Page No
A	Certificates	A1. Certificates	PAN Card of the authorized signatory	
			Professional Tax Registration certificate	
			GST Registration certificate	
B		C2 : CREDENTIAL 2	A declaration in respect of existence of a fully equipped service centre in or around Kolkata in respect of the relevant item.	
			List of purchaser in Govt. Institutions of repute, for last two years	
C.	FINANCIAL INFO	PAYMENT CERTIFICATE 1	Income Tax Returns submitted for the last three years	
		Audited P/L & BALANCE SHEET	P/L & Balance sheet of the last three years	

## **BID A": PART II**

Technical specifications of Instrument (in PDF/Excel format. Must mention Make, Model, exact features of the offered item against each point given in the specification chart). **Improper filling &/or suppression of facts/false statement will lead to disqualification and penalty in the form of permanent black listing.**

### **(B) Financial Bid B**

**COVER "B":** Separate file containing financial document only.

(a) Financial Bid: BOQ in INR (in excel sheet)

The folder marked as "Financial Bid" shall contain ALL INCLUSIVE PRICE in INR only and should include base price along with the cost of allied works and services which are to be undertaken (like installation, commissioning of equipment or PC etc.), cost of insurance, packaging, forwarding, delivery charges, clearing charges of the new instrument to be purchased. GST and any other applicable tax should be quoted separately.

**However, the L1 will be determined on basic rate with three years comprehensive warranty . GST quoted will be directly remitted to Government account as per existing norms of Finance Department.**

The Tenderers are not required to submit the hard copies of Cover A (Transaction document of EMD, General Documents and Technical Specifications) .

### **6. Evaluation of Tender:**

During tender evaluation process, "Bid A" will be opened first. Those tenderers who would qualify the Statutory&Non-Statutory requirements on the basis of technical and commercial documents will be identified and "Bid B" i.e. financial bid of only those qualified bidders will be opened. Verification of hard copies of the audited balance sheet and Profit & Loss Accounts of the Tenderers for the last three years will be made if deemed necessary before opening the Financial Bid (Bid B) of the technically qualified bidders. If found suitable on the basis of above pre-qualification, the tenderer quoting the lowest rate, will be considered as successful.

### **7. Earnest Money:**

The earnest money of the tenderer is liable to be forfeited if the tenderer withdraws his tender as a whole or for any particular item or items at any stage after opening of the tender or fails/refuses to enter into written agreement for any or all of the items of his accepted bid within the time specified when requested to do so or fails to furnish Performance Bank Guarantee within the stipulated time. **EMD should be deposited online in the Pooling Account of Government of West Bengal maintained at IICI Bank, RN Mukherjee Road Branch in the manner as prescribed in Government Order no. 3975-F(Y) dated 28/07/2016. (Order copy is available at the site-www.wbfin.nic.in)** Hard copy of Bid A should reach the office on or before the stipulated date as mentioned in clause 23.

**8. Agreement:**

On a tender being accepted, intimation of acceptance will be forwarded to the tenderer by Principal, Nil Ratan Sircar Medical College, Kolkata. After communication of the same, the tenderer will have to execute agreement in the prescribed form with the Principal, Nil Ratan Sircar Medical College, Kolkata. In case any direct purchasing unit wishes to go for a separate agreement, the head of the purchasing unit must get written permission to that effect from his controlling authority. This present document and the tender forms filled in by the tenderer or copies thereof in so far as they are not inconsistent with these terms & conditions will be incorporated as part of the agreement. Such agreement will be binding on the tenderer.

**9. Validity Period of Agreement:**

The contract period will be for a period 03 (three) years from the date of finalization of tender which can be extended for a further period of 6 months if Tender Selection Committee feels necessary.

**10. Performance Bank Guarantee:**

The performance bank guarantee will be mandatory for all suppliers and will not be waived in any case. The successful tenderers shall be required to furnish the 'Performance Bank Guarantee' from any Nationalized/Scheduled Bank acceptable to Govt. of West Bengal for three years @ 10% of quoted base rate per item for which the tenderer has been selected as supplier.

**11. Inspection:** Before submitting the tender, the intending tenderers should thoroughly get acquainted themselves with the proposed supply and installation by local inspection of site and take into consideration the site condition and other criterion for effecting smooth supply. No claim whatsoever will be entertained afterwards.

**12. Dates & Information:**

S. No	Items	Dates
1	Date of uploading of N.I.T. Documents (online) from this end.	10.06.2024, 5.00 P.M.
2	Documents download start date (Online)	10.06.2024, 5.00 P.M.
3	Date of hoisting of documents at Departmental Website ( <a href="http://www.wbhealth.gov.in">www.wbhealth.gov.in</a> )	10.06.2024, 5.00 P.M.
4	Date of Pre Bid Meeting and workshop with the intending bidders at the office of the Principal of NRS Medical College	12.06.2024, 11.30 P.M
5	Bid Submission starting (On line)	13.12.2024 4.00 P.M. onwards
6	Bid Submission closing (On line)	21.06.2024 at 4 P.M.
7	Bid opening technical bid(online) (Bid A )	23.06.2024 at 4.00 P.M. onwards.
8	Date of uploading list for Technically Qualified Bidder (online)(Bid A)	24.06.2024 11 A.M. onwards.
9	Date & for opening of Financial Proposal (Bid B) (Online)	To be declared later
10	Date of uploading of list of bidders along with the approved rate	To be declared later.

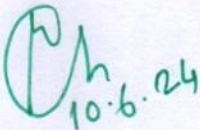
Principal, Nil Ratan Sircar Medical College, Kolkata, reserves the right to change the above schedule in case of any exigencies after putting up a notice in the departmental website and Notice Board of N R S Medical College, Kolkata.

**13. Validity of Tender:**

- i. The tender will remain valid up to 3 (three) year from the date of finalization of tender **which can be extended for a period of 6 months.** Any objection raised by any bidder in this respect will not be entertained. No informal tenderer will be entertained in the bid further.
- ii. During the scrutiny, if it comes to the notice of tender inviting authority that the credential or any other paper found incorrect/ manufactured/ fabricated, that bidder would not be allowed to participate in the tender and that application will be out rightly rejected without any prejudice.
- iii. Prospective bidders must take training from authorized agencies before submission of their bids.
- iv. The Tender Selection Committee reserves the right to cancel the N.I.T. due to unavoidable circumstances and no claim in this respect will be entertained.

**14. NO- CONVICTION CERTIFICATE:**

No conviction certificate in the form of An Affidavit is to be submitted in the prescribed Pro-forma as Annexure-IV attached herewith from Notary Public/ Judicial Magistrate/Executive Magistrate.



Principal  
NRS Medical College  
Kolkata-14  
A

**CHECK LIST (MUST BE PROPERLY FILLED)**

**NOTE: For Non applicability for some documents please mention "NA" in the check list. Must be mention page number in the check list.**

S. No	Item	PI put tick or NA	Page No.
1	Application submitted in Annexure I		
2	No conviction certificate in the form of an Affidavit as per Annexure-II.		
3	Income Tax Returns submitted for the last Assessment years		
4	GST Registration certificate(not provisional)		
5	PAN Card of the organization and authorized signatory.		
6	P/L & Balance sheet of last years		
7	Technical specifications of Instrument (in PDF/Excel format. Must mention Make, Model, exact features of the offered item against each point given in the specification chart).		
8	Trade License in the name of participating firm		
9	List of purchaser in Govt. Institutions of repute, for last two years		
10	A declaration in respect of existence of a fully equipped service centre in or around Kolkata in respect of the relevant item.		
11	A Proof of submission of applicable END		

ANNEXURE-I

APPLICATION FORMAT

(To be furnished in the Company's official letter pad with full address and contact no etc)  
To The Principal, Nil Ratan Sircar Medical College, Kolkata-700014.

Sub: Tender No.-----Dt.------(Name of the Item -1)-----2)-----  
-----3)-----4)-----

---) for purchase and installation of equipment for department of ....., Nil Ratan Sircar Medical College, Kolkata-700014.

Ref:-

Sir,

Having examined the pre-qualification & other documents published in the N.I.T, I /we hereby submit all the necessary information and relevant documents for evaluation:

1. That the application is made by me / us on behalf of.....

In the capacity of.....duly authorized to submit the offer. The authorization letter from the Company is attached in Annexure II.

2. We accept the terms and conditions as laid down in the NIT mentioned above and declare that we shall abide by it for throughout the tender period and its extensions, if any.

3. We are offering rate for the following item /items and assured supply to the Health & Family Welfare Department, Government of West Bengal as per Table-1 (Instrument Specification)

4. a. We propose that the order and bill should be raised in our name.

For liasing, we have appointed M/S ..... having its office at ..... (Address, contact no and e mail address) as C&F agent /Liasoner /Contact person/..... Others (strike out whichever is not applicable) as per clause ..... of the NIT

b. The agreement between ourselves and the distributor/C&F/Liasoner& other documents as prescribed is attached in annexure III

5. In the event of being selected, supply will be made within the stipulated period excepting the condition which is beyond our control.

6. We understand that:

(a) Tender Selection Committee/ H&FW Dept can amend the scope & value of the contract bid under this project.

(b) Tender Selection Committee/ H&FW Dept reserves the right to reject any application without assigning any reason.

Date :-

Signature of applicant including title  
and capacity in which application is made.

Contact details -

Mobile:

E mail ID:

**ANNEXURE-II**

Draft Affidavit Proforma  
(Notarized on Rs. 100 Stamp Duty)

I, Sri/Smt. ....  
The Managing Director/Proprietor (etc.) of the Firm.  
..... (Name of the firm)  
At (address).....  
P.O. ....  
P.S.....Dist.....  
do hereby solemnly affirm and declare as follows:

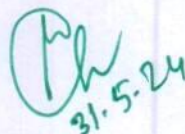
- a. That I am not under conviction of any offence making myself liable to be disqualified to supply of Surgical Equipments/Instruments etc. to any Govt. or Govt. undertaking Organization /Institution in the State of West Bengal or other State or States.
- b. My Firm has not been blacklisted at present as a whole or for any item/ items as quoted in this tender by any Govt. or Govt. undertaking Organization /Institution in the State of West Bengal or other State or States in India.
- c. That no case is pending against me or against my Firm in any criminal court of law in connection with the supply of Surgical/hospital equipment/Instruments to the Govt. or Govt. undertaking Organization / Institution in the State of West Bengal or other State or States ( If any case is pending, pl state the details ).
- d. *That, I declare that the item or items quoted by me confirms the specification given in the NIT document or higher standard relating to the specification is provided.*
- e. The duly authenticated Technical Data Sheet is uploaded conforming to the prescribed standard.
- f. That, I also declare that if any information subsequently found incorrect or false will it automatically render the tender submitted by me cancelled and make me liable for penal/legal action as per law of the country.
- g. That I do further affirm that the statements made by me in this tender are true to the best of my knowledge and belief and all the documents attached are genuine & correct.

Deponent

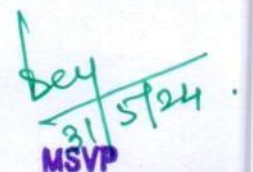


Specification of Firewall		
S.No.	Technical Specification	Compliance (Yes/No)
<b>1</b>	<b>Hardware Specification</b>	
1.1	The proposed firewall should be 1 RU – Form Factor with 19" rack mounable kit.	
1.2	The appliance should have multicore processor based architecture.Firewall should not use a proprietary ASIC hardware for any kind of performance Improvement. If option to disable ASIC is there than OEM must mention the performance numbers in datasheet.	
1.3	The appliance should have minimum 16 x 10/100/1000 Base T Ethernet Port , 6 x 10Gbps SFP+ Port, 4 x 1 Gbps SFP Port, 2 x USB 3.0 port and one Console Port	
1.4	The appliance should support Dual Power Supply.	
<b>2.0</b>	<b>General Firewall Features</b>	
2.1	The Firewall should support BGP,OSPF, RIP v1/v2 routing protocol and IPv4 & IPv6 functionality (Both phase 1 and Phase2).	
2.2	Solution should support Dead Peer Detection, DHCP Over VPN, IPSec NAT Traversal, Route-based VPN over OSPF, RIP, BGP.	
2.3	The Firewall solution should support policy based routing,Application based routing and also Multi Path routing.	
2.4	Should support Zero-Touch registration & provisioning	
2.6	Proposed solution should have bandwidth quota and time quota for manageability of users, support url filtering,apps control,zeroday protection.	
<b>3</b>	<b>Performance &amp; Scalability</b>	
3.1	The appliance should have minimum Firewall Throughput of 5 Gbps or better.	
3.2	The appliance should able to handle minimum 21K new session per second or better.	
3.3	The appliance should able to handle minimum 4 Gbps Application inspection Throughput or better.	
3.4	The appliance should have minimum Antivirus/Anti-malware Throughput of 3.5 Gbps or better.	
3.5	The appliance should have minimum IPS Throughput of 3.5 Gbps or better.	
3.6	The appliance should have minimum Firewall Threat prevention Throughput of 3.5 Gbps or better.	
3.7	The appliance should have minimum IPSec VPN Throughput of 2 Gbps or better and minimum 2500 Number of Ipsec VPN Peers supported (Site to Site).	
3.8	The appliance should have minimum 1.5 M Concurrent Session/Concurrent Connection.	
3.9	The appliance should have minimum 800 Mbps TLS/SSL inspection throughput (DPI SSL) and 150K DPI SSL connections.	
3.10	The appliance should have minimum 700K Deep Packet Connection.	
<b>4</b>	<b>Firewall Security Features</b>	
4.1	The Firewall should scan for threats in both inbound and outbound and intra-zone traffic for malware in files of unlimited length and size across all ports and TCP streams by GAV & Cloud AV.	
4.2	The proposed firewall should support Bi-directional raw TCP inspection that scans raw TCP streams on any port .	
4.3	The Firewall must support Proxy-less and non-buffering inspection technology for DPI scanning without introducing file and stream size limitations.	
4.4	The Firewall should support deep packet SSL to decrypt HTTPS traffic for scanning(IPS, Gateway Antivirus, Content Filtering, Application control) transparently for future requirement and then re-encrypt and send to destination if no threat found.	
4.5	The proposed model should support TLS 1.3 with enhanced security.The Firewall should not buffer traffic before scanning for IPS and must support inbound and outbound IPS scanning. Should do real time scanning rather than proxy based scanning of all the traffic passing through the appliance.	
4.6	The integrated anti APT should detect and block malware that does not exhibit any malicious behavior and hides its weaponry via encryption. Should detect and block mass-market, zero-day threats and unknown malware.	

Abhishek Dutta.  
31-05-2024.

  
31.5.24

Principal  
N. R. S. Medical College  
Kolkata - 14

  
31/5/24  
MSVP

N.R.S. Medical College & Hospital  
138, A. J. C. Bose Road,  
Kolkata - 700 014

Specification of Firewall		
S.No.	Technical Specification	Compliance (Yes/No)
4.7	The Firewall should have the capability to block/prevent from Side Channel attacks, memory based attack as well as zeroday malware and Never-before-seen malware attack .	
4.8	Should support both for analysis of a broad range of file types, either individually or as a group, including executable programs (PE), DLL, PDFs, MS Office documents, archives, JAR, and APK plus multiple operating systems including Windows, Android, Mac OS X and multi-browser environments.	
4.9	Should have ability to prevent potentially malicious files from entering the network and those files sent to the sandbox for analysis to be held at the gateway until a verdict is determined.	
4.10	The Firewall should have Pictorial view of a particular access rule, NAT and Routing rule which helps in finding real-time statistics. Displays the rules which are actively used or not being used & enabled or disabled.	
4.11	The proposed system should have on-prem management, reporting and analytics for Firewall Both solutions should be from the same OEM.	
4.12	The proposed system should be SD WAN Enable without adding any additional hardware components & Necessary licenses, if required, need to be provisioned from day 1.	
4.13	The proposed firewall must support cloud based and on-prem sandboxing solutions and should be from the same OEM.	
4.14	The cloud based sandboxing must have capability to scans minimum 10Mb of files size at a time and should be capable to send of 900 or more Files per hour .	
4.15	Firewall must have integrated IPS, shall be able to scan packet payloads for vulnerabilities and exploits, covering a broad spectrum of attacks and vulnerabilities. Should have at least 5000 IPS Signatures ,3000+ application Signature, 20K DPI signatures and 50 million Cloud AV signatures.	
4.16	Should have all security functionality inbuilt and activated on single appliance including DNS filtering, URLs filtered by reputation.	
4.17	Shall support TLS 1.3 with enhanced security, Deep packet inspection for TLS/SSL/SSH & SSL control.	
4.18	The Firewall should detect and prevent hidden attacks that leverage cryptography, blocks encrypted malware downloads, ceases the spread of infections, and thwarts command and control (C&C) communications and data exfiltration.	
4.19	The proposed system should provide real-time monitoring and visualization provides a graphical representation of top applications , top address,top users and intrusion by sessions for granular insight into traffic across the network.	
4.20	Firewall should support management via Cli, SSH ,GUI and support for SNMPv2/3.	
4.21	The solution should have configurable options to send the alert emails based on event type & reports as a mail to the designated email address.	
4.22	The proposed solution should support Web-based configuration, Role based Access control.	
4.23	The proposed firewall should support Deep packet SSL inspection on the same platform & License for DPI SSL should be along with appliance.	
4.24	The proposed solution should support active-passive / standby or active- active high availability with stateful session failover to the secondary appliance in the event of a hardware failure without any manual intervention.	
5	<b>License,Certification And Warranty</b>	
5.1	Warranty - 3 years comprehensive onsite warranty including 24x7 telephone, email and web-based technical support.	
5.2	OEM should have TAC support with tollfree number and R&D center in INDIA.	
5.3	Manufacturer's warranty should be mentioned minimum 03 (three) years warranty including all services like GAV, IPS, Antispyware or antimalware, CFS, Application control, BoT protection ,Basic DNS security,cloud based management & reporting, Advance Threat Protection,Patch & Firmware upgrade and Hardware.	
5.4	The Firewall should have ICSA/NSS/NDPP Certification	
5.5	The Firewall OEM must be ICSA Lab certified for Network Firewall, Anti-virus and ATD and should have detection rate of 99% or higher.	
5.6	The Firewall OEM should be having "recommended rating" by NSS Labs for consecutive three years in the last six years. OEM should have scored minimum 97% in Exploit Block rate in the last NSS Lab for NGFW report (2019).	
5.7	Bidder must carry out on site installation, testing and commissioning.	

Abhinav Dutta.  
31-05-2024.

Chen  
31-5-24

Principal

M. R. S. Medical College  
Kolkata - 14

Day  
31/5/24  
MSVP

M. R. S. Medical College & Hospital  
138, A. J. C. Bose Road,  
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