NATIONAL INSTITUTE OF PUBLIC FINANCE AND POLICY
18/2, Satsang Vihar Marg, Special Institutional Area (Near JNU)
New Delhi – 110 067

The National Institute of Public Finance and Policy is an autonomous body funded by the Ministry of Finance, Government of India. It is a premier research institution in public economics and policies.

TENDER DOCUMENT
FOR
SONIC WALL NSA 3600 AND CISCO CATALYST 3650 L3 NETWORK SWITCH
ON
TWO BID SYSTEM

TECHNICAL & FINANCIAL BID

NAME OF THE FIRM	---
ADDRESS OF THE FIRM	---

Date and Time of Submission of Tender
June 9, 2017 upto 3.00 p.m.

Date and Time of Opening of Technical Bid
June 9, 2017 at 3.30 p.m.

Date and Time of Opening of Financial Bid
June 19, 2017 at 3.30 p.m.

Note: This tender document contains 12 pages and bidders are requested to sign on each page. The Technical Bid & the Financial Bid should be sealed by the bidder in separate covers duly superscribed & both these sealed covers are to be put in a bigger cover.

Tender for SonicWall NSA 3600 and Cisco Catalyst 3650 Layer 3 Network Switch at NIPFP

TENDERERS RESPONDING TO THIS ENQUIRY SHALL BE DEEMED TO BE AGREEABLE TO THE TERMS AND CONDITIONS HEREIN CONTAINED. THESE TERMS AND CONDITIONS SHALL BE BINDING ON THE SUCCESSFUL TENDERER. CONDITIONAL TENDERS ARE LIABLE TO BE REJECTED. NIPFP WILL PROCESS THE TENDER AS PER NIPFP'S STANDARD PROCEDURES. THE DIRECTOR OF THE INSTITUTE RESERVES THE RIGHT TO REJECT ANY OR ALL OR PART OF TENDER WITHOUT ASSIGNING ANY REASON AND SHALL ALSO NOT BE BOUND TO ACCEPT THE LOWEST TENDER. NIPFP WOULD NOT BE UNDER ANY OBLIGATION TO GIVE ANY CLARIFICATIONS TO THE AGENCIES WHOSE BIDS ARE REJECTED.

1. The tender document can be downloaded from NIPFP website www.nipfp.org.in
2. The Tender should be submitted in ONE SEALED ENVELOP in the following manner.
3. The first sealed envelope should be super scribed "**Technical Bid**" and should contain:
   - Checklist of documents to be submitted. Refer Annexure- I.
   - Technical Specification Annexure - II
4. The Second sealed envelop super scribed "**Financial Bid**" should contain details, which are to be filled as per Performa given Annexure – III.
5. The Technical Evaluation Committee will evaluate technical specification of the product. Only those found meeting all the parameters as per requirement will be considered and declared qualified in the technical evaluation only, will be eligible for opening of Financial Bid.
6. EARNEST MONEY DEPOSIT: The bidders shall enclose with the Tender EMD amounting to Rs 25,000/- (Rs. Twenty Five Thousand only) for the services to be quoted, in the form of Bank draft / Pay Order drawn on any Nationalized Bank in favour of " National Institute of Public Finance and Policy" payable at New Delhi shall be returned to the bidders after the award of contract to the successful bidder.

ELIGIBILITY CRITERIA FOR SUBMISSION OF TENDER

1. The tenderer should have their own office / service centre in Delhi/NCR.
2. The Bidder should be an ISO certified company.
3. Bidder should be Original Equipment Manufacturer (OEM) / Business Partner or Authorized Distributor /reseller/ Dealer of Principal Sonic Wall Firewall and Cisco Switch and a letter of Authorization from OEM, specific to the quotation should be enclosed.
4. The bidder must enclose a certification of having successfully executed at least two enterprise Firewall solutions each in any of the last 3 financial years for any Educational Institute/University/ Govt. entity/PSU.
5. An undertaking from the manufacturer is required in this regard stating that they would facilitate the bidder on a regular basis with technology/product updates and extend support for the warranty as well.

6. Quotations in SEALED COVER, superscripted with words QUOTATION FOR SONICWALL NSA 3600 AND CISCO CATALYST 3650 at NIPFP must be dropped in tender box near reception of NIPFP, New Delhi-110 067 on or before 09/06/2017 upto 3:00 p.m. Quotations received unsealed or after the due date and time are liable to be ignored/rejected.

General Conditions of Contract (GCC)

1. The quotations shall be in conformity with the specifications. Deviations, if any, in respect of the specs shall be indicated clearly by the bidder. Non-mention of deviations shall imply compliance with the specifications. NIPFP reserves the right to reject an offer on account of any deviation from the specifications /terms and conditions.

2. The Company must have a well-established team of Technical People to provide Support. The Company should be in position to ensure that the required support is provided on priority basis.

3. Acceptance of tender/ application will be intimated to the successful tenderer through a letter of intent (LOI) duly signed by the authorized signatory of the NIPFP.

4. The successful agency/firm will have to get everything executed at their end and by their own Staff/ Manpower etc.

5. EMD will be forfeited, if the tenderer withdraws or amends or derogates from the Tender in any respect within the period of validity of their tender.

6. The applicant should furnish an undertaking to the effect that the firm has not been blacklisted in India or abroad.

7. The offer should be valid for a minimum period of 30 days from the date of opening of technical bid.

8. NIPFP reserves the right to cancel the agreement by giving one month notice in writing without assigning any reason whatsoever.

9. The successful bidder will be required to submit the letter of acceptance within a period of 3 days from the receipt of the letter of Intent and thereafter commence the work in next 10 days.

10. Tender shall be submitted in official tender form only. If submitted in any other form, the same shall be summarily rejected. No paper to be detached with the tender form.

11. EMD of successful bidder will be retained till the supply of the ordered items and will be returned only on receipt of performance security. No interest shall accrue on this deposit. In case the bidder expresses inability to supply the ordered items or is unable to supply the items as per terms and conditions of the Purchase Order, the EMD will be forfeited.

12. In case of unsuccessful bidders, the EMD will be returned without any interest after the tender has been finalized.

13. The Financial Bid of only technically qualified bidder will be opened.

14. A tender is liable to be rejected if complete information is not given there-in, or if the particulars and data (if any) asked for in the Schedule of the tender are not filled in correctly.

15. Conditional tenders shall not be accepted.

16. On award of the contract, the agency would deposit amount equivalent to 10% of the contract value as security deposit with NIPFP. This would be adjustable against any amount found payable by the agency towards, wages, allowances and statutory dues in respect of personnel or any loss to this institute property, and the same shall be adjusted from the security deposit to the extent of the amount so determined reserving right to recover the deficit amount through other modes of recovery including the right to terminate the agreement without further notice.

17. The product shall be delivered and installed at National Institute of Public Finance and Policy, 18/2, Satsang Vihar Marg, Special Institutional Area, New Delhi -110067 by the bidder at its own cost within Ten days from the date of acceptance of work order.

18. The full & final payment shall be made after delivery and successful installation/ configuration, commencement of services and satisfactory report submitted by NIPFP Official and submission of bill.

19. Support/Service: Quotation/Bid should be inclusive of supply, installation, configuration, etc. on site as per the scope of work. After sales service & support to be provided as and when required for at least one year or as per OEM whichever is higher.

20. The Courts at Delhi 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 Delhi court shall have jurisdiction in the matter

21. The following undertaking is to be made by the bidder in the technical bid along with the copies of certificates/ documents mentioned in the checklist.

Scope of Work

Sonic Wall NSA 3600 Implementation
- ➢ Verify the BOM
- ➢ Physical Stack Firewall into the rack
- ➢ Configure all the network and power cables
- ➢ Run hardware Diagnostic & Testing
- ➢ Initial Implementation of the Sonicwall firewall according to the current network structure
- ➢ Updated latest firmware
- ➢ License Implementation
- ➢ Configure the LAN/WAN/DMZ/VLAN
- ➢ Implement the firewall policy as per requirement
- ➢ Content filtering as per requirement
- ➢ Live server if any other server
- ➢ Configuring bandwidth limit for users
- ➢ Other firewall policy as per requirement like IP exclude & users etc.
- ➢ Final testing
- ➢ Take a backup of firewall policy
- ➢ Submission of details project report documentation.
- ➢ Signoff from customer to ensure satisfactory completion of Implementation task as per defined SOW
- ➢ Brief training about this product

Cisco catalyst 3650 24 port switch will be configured as redundant switch of the current Cisco Catalyst 3560G 24 port Poe switch.

- ➢ Verify the BOM
- ➢ Physical Stack Switch in to the rack
- ➢ Configure all the network and power cables
- ➢ Run hardware diagnostic & Testing
- ➢ Initial Implementation of the Switch according to the current network structure
- ➢ Configuring password policy like telnet, SSH etc.
- ➢ Updated latest IOS
- ➢ License Implementation
- ➢ Configure the VLAN and Trunk
- ➢ L2/L3 Switch configuration as per requirement
- ➢ Configuring the routing protocol if it using
- ➢ Final testing
- ➢ Take a backup of switch configuration file
- ➢ Submission of Details project report documentation.
- ➢ Signoff from customer to ensure satisfactory completion of Implementation task as per defined SOW
- ➢ Brief training about this product

Tender for SonicWALL NSA 3600 and Cisco Catalyst 3650 L3 Switch(24 port) at NIPFP

TECHNICAL DETAILS OF THE PRODUCT/SCOPE OF THE WORK

1) **The SonicWALL NSA 3600 firewall**

• **System Information**

i)   **Model : NSA 3600**
ii) **Product Code : …………..**
iii) **Firmware Version : Latest Version**

Specification for Sonic wall NSA 3600
Integrated Security Appliance which is capable of supporting Firewall, VPN, IPS, Web filtering, IPv6, Gateway Antivirus and e-Mail filtering capabilities should be supported which will be configured as per requirement at a later stage.
Appliance based firewall, Should be VPNC, ICSA Firewall, ICSA Anti-Virus
Appliance should have at least 2(10-GbE SFP+), 4(1-GbE SFP), 12(1 GbE)   dedicated management interface, & Console port
Should support firewall throughput of at least 3.4 Gbps or higher
The device should not have license restriction on number of users
Should support SSL VPN & IPSEC VPN on the same appliance with out support of external hardware.
Dual WAN/ISP support: Should support automatic ISP failover as well as ISP load sharing and load balancing for outbound traffic.
The appliance Should support at least 250 VLAN
Should have dedicated 1 Gbe management interface
Appliance should support IPSec NAT Traversal
should support OSPF, RIP V1 and V2 routing protocol.
Should Support NAT without degrading the performance of the firewall
Should support authentication using Radius, LDAP etc.
Should have Layer 2 bridge or transparent mode
should have at least 1.1 Gbps of IPS throughput or higher
Should have all security functionalities inbuilt on single appliance.
The IPS and or UTM should be configured in a manner, so that in case if the either fails the traffic should not be affected without any manual intervention.
Signatures should have a severity level defined to it so that it helps the administrator to understand and decide which signatures to enable for what traffic (eg. for severity level:, high, medium, low)
Should be able to generate graphical reports on top attacks, source for attack etc.
Should have the option to schedule reports for automatic generation & email it to admin
Vendor updates its attack signature database regularly and it should be configurable to update the signatures automatically without manual intervention.

Vendor makes new attack signatures and new major software releases available for download from their Web site
Should preferably be a integrated solution with appliance based firewall on a single chassis with multicore processor preferred with 6 or more security cores
Vendor to mention anti malware throughput and should have minimum 600 mbps of anti malware throughput or higher
Antivirus should provide real-time detection of viruses and malicious code at the gateway for SMTP, POP3,HTTP, FTP etc Internet traffic
The proposed solution should be licensed per unit as against per user
Should support full Deep packet inspection through put of 500 MBPS or higher
Vendor to declare UTM/Deep packet inspection throughput and should submit valid document for same
Automatic Frequent updates of virus pattern files Should be available from the vendor with out manual intervention
There should not be any file size restriction at GAV level to be scanned for.
Appliance should do reassemble free deep packet inspection of the traffic rather than proxy based scan.
Should have facility to block files based on file extensions
Appliance should have virtual assist inbuilt to the appliance to provide secure remote support
Should be an unlimited user based appliance
The proposed solution should be scalable and offer fault tolerance to safeguard against hardware failures. The failover should be capable of taking over the traffic with out any manual intervention and session loss.
Should have reporting facility to generate reports on virus detected over different protocols, top sources for viruses, destination for viruses, top viruses etc
Should have facility to block URLs based on categories
URL Database should be updated regularly by the OEM automatically
Should be able to block different categories/sites based on users/groups.
Should have facility to configurable policy options to block web sites based on banned words.
Should have application control and intelligence inbuilt in the systems without support of external device preferably, however if quoting with external devices, is should be mentioned & included in the BOM
Should have configurable policy options to define the URL exempt list
The solution should be able to block spywares/adwares etc.
The solution Should have options to block java applets, activeX as well as cookies
Vendor should have RBL database of known spam sources to validate/check whether the mail is a spam or not
Should not slow down the performance of UTM on enabling anti spam
Should have configurable spam actions for detected spam mails
Logging and reporting solution should be supported.
Appliance should be a multicore processor and not proprietary ASIC technology.
The solution should generate the reports for the firewall, gateway level AV, IPS web filtering requested.
Appliance should be at least 6 or more core processor

The solution shall have readymade templates to generate reports like complete reports or attack reports, bandwidth report etc.
The solution should help to analyse/understand attacks over various protocols like http, ftp, SMTP
The solution should help to analyse/understand the live application usage in the network
Should have options to generate reports in terms of which are the frequent attacks as well as top sources and destination for attacks
Appliance should not have hard drive inbuilt rather should have flash drive
There should not be any hard drive for any purpose to avoid point of failure
Vendor should have NSS labs certifications for IPS
Should have options to generate reports in different formats
The solution should have configurable options to send the reports as a mail to the designated email address
Appliance should have dual fixed fans
Should support internet mix of 900 Mbps, vendor to submit valid doc for same
Appliance should support 300000 concurrent sessions
appliance should support sandboxing service
sand boxing should be with at least 2 or more scanning engines
sandboxing should be available on cloud or on premise
Vendor should have NSS labs certifications for NGFW
Should have configurable parameters to send alert emails based on event type.
Should have configurable parameters to set alert.
The solution should have configurable options to schedule the report generation
Vendor should be in leaders quadrant of Ganrter since at least 4 yrs for UTM
The solution should be running its own syslog server or integrated server to collect the logs
If separate server/appliance is required for the logging & reporting, the BOM & cost should be included in the proposed solution..
All the support, services & subscription like GAV, IPS Anti spyware , CFS & 24x7 support should be available for units

2) The Cisco Catalyst 3650 24 port L3 switch

• **System Information**

i) **Model : Cisco Catalyst 3650 24 port L3**
ii) **Product Code :WS-C3650-24PD-E**
iii) **Firmware Version : Latest Version.**

Product Overview

1.   Integrated wireless controller capability with:
2.   Up to 40G of wireless capacity per switch (48-port models)
3.   Support for up to 50 access points and 1000 wireless clients on each switching entity (switch or stack)
4.   24 and 48 10/100/1000 data and PoE+ models with energy-efficient Ethernet (EEE) supported ports

5.   24 and 48 100-Mbps and 1-, 2.5-, 5-, and 10-Gbps (multi-gigabit) Cisco UPOE and PoE+ models with EEE[1]

6.   Five fixed-uplink models with four Gigabit Ethernet, two 10 Gigabit Ethernet, four 10 Gigabit Ethernet, eight 10 Gigabit Ethernet, or two 40 Gigabit Ethernet Quad Small Form-Factor Pluggable Plus (QSFP+) ports

7.   24-port and 48-port 10/100/1000 PoE+ models with lower noise and reduced depth of 11.62 inches for shallow depth cabinets in enterprise, retail, and branch-office environments

8.   Optional Cisco StackWise-160 technology that provides scalability and resiliency with 160 Gbps of stack throughput

9.   Dual redundant, modular power supplies and three modular fans providing redundancy[2]

10.   Support for external power system RPS 2300 on the 3650 mini SKUs for power redundancy

11.   Full IEEE 802.3at (PoE+) with 30W power on all ports in 1 rack unit (RU) form factor

12.   Cisco UPOE with 60W power per port in 1 rack unit (RU) form factor

13.   Software support for IPv4 and IPv6 routing, multicast routing, modular quality of service (QoS), Flexible NetFlow (FNF) Version 9, and enhanced security features

14. Single universal Cisco IOS® Software image across all license levels, providing an easy upgrade path for software features

15. Enhanced limited lifetime warranty (E-LLW) with next business day (NBD) advance hardware replacement and 90-day access to Cisco Technical Assistance Centre (TAC) support

UNDERTAKING BY THE BIDDER

1. This is to certify that I/we before signing this tender have read and fully understood all the terms and conditions contained herein and undertake myself/ourselves to abide by them.

2. Signature of the Bidder with Seal

            1.   Name :
            2.   Designation :
            3.   Address:

3. Phone no.:
4. ------------------

CHECKLIST OF DOCUMENT

S.N	PARTICULARS	DETAILS	Page No
1	Name of the firm		
2	Whether Technical & Financial Bid submitted in separate envelops and superscribed properly	Yes/No	
3	Total turnover of the company for last 2 years (document to be attached)	2014-15:Rs. 2015-16:Rs.	
4	Whether agreed to abide by all the terms and conditions mentioned I the tender document.	Yes/No	
	REQUIRED DOCUMENTS: Attached/Not attached		
1.	Whether EMD submitted (Tender received without EMD shall be rejected)	Yes/No ---------------- If Yes, DD No. ……………….. Dated…………………. For Rs.----------------------- Drawn on------------------------- Favouring NIPFP, payable at , New Delhi is enclosed.	
2.	Self-attested copy of Firm/Agency establishment Certificate	Yes/No	
3	Service Tax/ VAT Registration Certificate No.	Yes/No	
4	Self-attested copy of PAN Card (number) under Income Tax Act.	Yes/No	
5	ISO Certificate Attached	Yes/No	
6.	A certificate of having successfully executed at least two enterprise firewall solution.	Yes/No	
7.	Any other details /document(s)		

NOTE:

i. The EMD to be deposited along with Technical bid.
ii. All the supporting documents should be enclosed along with this Technical Bid.

Dated: Signature:

                                                              Name & Designation:

Place: Company Seal:

DETAILED TECHNICAL SPECIFICATION

Details Technical specification of the product as mentioned in the tender document page No. 6-8 (along with all commercial terms and conditions) for evaluation by the Technical Committee.

**To be deposited in separate sealed cover-II super scribed with
"Financial Bid for SonicWALL NSA 3600 Firewall and Cisco Catalyst 3650 L3
Switch(24 port)"**

The Financial Bid will be opened of technically qualified bidders only

**Name of the
Tenderer…………………………………………………………………………**

Sl.No	Description	Quantity	Price	Applicable Taxes	Total Cost
1	Dell SonicWALL Firewall 3600 NSA	1			
2	Cisco catalyst 3650 24 port L3 Switch	1			
Grand Total(Total Cost of Sr. No. 1+2)					
Grand Total(in words) Rupees:--					

Delivery Period: 2 weeks

Dated: Signature:
                                                         Name & Designation:

Place: Company Seal:

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