



हिन्दुस्तान पेपर कॉर्पोरेशन लिमिटेड
HINDUSTAN PAPER CORPORATION LTD

(A Government of India Enterprise)

75-C Park Street, Kolkata-700 016

Phone Nos 91-33- 2229 6901-2, 2249 6931/ 32/ 34/ 35

Fax No. 91-33- 2249 7335/ 4996. Website: www.hindpaper.in

To
M/s.....
.....
.....

Date 28.7.09

Dear Sirs

Please find enclosed Bid Documents for Design, development and implementation of Data Center Security using Unified Threat Management (UTM) as per following details.

NOTICE INVITING BID NO.	ENQ/CA-09/000/09-10/12 dated 27.07.2009	
ITEM DESCRIPTION : DESIGN ,DEVELOPMENT AND IMPLEMENTATION OF DATA CENTER SECURITY USING UNIFIED THREAT MANAGEMENT AT HINDUSTAN PAPER CORN. LTD.		
LAST DATE OF SUBMISSION OF BIDS	27.08.2009 at 14.30 hours IST	
DUE DATE OF OPENING TECHNO-COMMERCIAL BID	27.08.2009 at 15.00 hours IST	
DOCUMENTS ENCLOSED		
➤ NOTICE INVITING BID (NIB)	1 Page	
➤ GUIDE LINES FOR SUBMISSION OF BID	2 Pages	
➤ SPECIAL TERMS AND CONDITIONS – ANNEXURE- I	1 Page	
➤ SCOPE OF THE PROJECT , TECHNICAL SPECIFICATION & REQUIREMENT INCLUDING PERFORMANC E GUARANTEE PARAMETER - ANNEXURE- II	10 Pages	
➤ PRE-QUALIFYING CONDITIONS - ANNEXURE- III	1 Page	
➤ BIDDERS PROFILE - ANNEXURE- IV	1 Page	
➤ FORMAT FOR PRICE BID (PART-II) - ANNEXURE- V	1 Page	
➤ GENERAL TERMS AND CONDITIONS - ANNEXURE- VI	4 Pages	

Bidders in their own interest should quote most competitive price without being influenced by any other bidder

Sealed Bid may be dropped in the Tender /Bid Box placed in the Commercial Department or mailed/Courier/Hand Delivered to the following address so as to reach so as to reach before the Bid opening time and date at the above address

Thanking you,

Very truly yours,
For Hindustan Paper Corporation Limited

Dy. General Manager (Comml.)

Encl: as above



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NOTICE INVITING BID (NIB) No. ENQ /CA-09/ 000/ 09-10/ 12 DTD. 27.07.2009

Sealed bids under two part system (Part 1: Techno-Commercial Bid and Part II : Price Bid) are invited from manufacturers of repute or from their accredited agents for the following at our Kolkata Office.

Brief description of Scope of supply/service	Sale of Bid Documents and EMD	Bid Closing Date & Time	Techno-Comm Bid Opening date/Time
Design, development and implementation of Data Center Security using Unified Threat Management	28.07.09 to 26.08.09 EMD: Rs.60,000/-	27.08.2009 at 14.30 hrs.	27.08.2009 at 15.00 hrs.

Detailed Scope of Project, Specification & Technical Requirements and other terms are available in Bid Documents. Bid documents may be collected from Commercial Department at the above address on payment of Bid fee of Rs.2,000/- (non refundable) for each document by DD drawn in favour of Hindustan Paper Corporation Ltd payable at Kolkata. Bid Documents may be down loaded from our website or www.tendertimes.com/ www.tenders.gov.in in which case Bid Fee will have to be deposited along with Techno-Commercial Bids.



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GUIDE LINES FOR SUBMISSION OF BID

1.0 SUBMISSION OF BID

Sealed Bids (in original + 1 copy), super scribed with NIB No and Date of submission, Due date of opening and the name of the item/job is to be submitted by intending bidders, within the due date as mentioned in the NIB

- 1.1 under TWO BID system, the Techno-Commercial Bid and the Price Bid are to be submitted in two separately sealed covers super scribing in Block letters (a) TECHNO-COMMERCIAL BID(Part –I) including unpriced bid and (b) PRICE BID (Part-II). These two bids are to be put in a single sealed cover and the same may be dropped in the “ Tender Box” placed in the Commercial Department or sent by post so as to reach before Bid closing time and date at the above address. The Company will not be responsible for any Postal delay in receipt of bid(s)
Please submit your offer in the following manner :

- 1.1.2 TECHNO-COMMERCIAL BID (PART-I) must contain the following :
- (a) Bid Fee for those who downloaded the document from website.
 - (b) Earnest Money Deposit
 - (c) List of commercial deviation if any
 - (d) Copy of complete set of NIB Document duly signed, stamped and dated by bidder.
 - (e) Document requested with respect to pre-qualification criteria and bidder's profile duly filled in

2.2 DOCUMENTS TO BE SUBMITTED WITH THE TECHNO-COMMERCIAL BID :

- 2.2.1 E.M.D: Rs.60,000/- (Rupees Sixty thousand) by Demand Draft from any scheduled Commercial Bank drawn in favour of Hindustan Paper Corpn.Ltd. payable at Kolkata
- 2.2.2 Income Tax Pan No. and Sales Tax (CST /State VAT) Registration No.
- 2.2.3 Documentary evidence fulfilling pre-qualifying criteria as listed and all other terms and conditions of the bid. If extraneous details not called for , are entered in Part – I Bid, the same shall be treated as non- responsive and hence will be summarily rejected

2.3 SUBMISSION OF PRICE BID :

Price Bid to be submitted strictly in line with the Price Bid (Part-II) format as per Proforma enclosed in the NIB documents.

- 3.0 BID FEE (non refundable) :
Bidder who down load the bid documents from website must remit the Bid Fee of Rs.2000/- by way of Demand Draft drawn in favour of Hindustan Paper Corpn. Ltd. Payable at Kolkata alongwith Techno –Commercial Bid. Otherwise their Bid will be rejected outright.
- 4.0 EARNEST MONEY DEPOSIT (EMD)

Rs.60,000/- (Rupees sixty thousand) by Demand Draft from any scheduled Commercial Bank drawn in favour of Hindustan Paper Corporation Ltd.,payable at Kolkata must accompany Techno-Commercial Bid (Part-I). Offer without EMD will be rejected. The Cheque(s) will not be accepted towards EMD
- 5.0 SECURITY DEPOSIT (SD)

The successful bidder will be required to submit security deposit of 10% of the total order value in the form of Bank Guarantee as per our format within 7 days from the date of placement of order with validity for the total job completion schedule plus three months.
- 6.0 ACCEPTANCE CRITERIA OF BID
.
Any Bid in absence of EMD and Tender Fee as stated above shall be rejected.
- 7.0 Each page of the Tender document should be signed by a person competent to do so
- 8.0 Any unsolicited offer after opening bid(s), unless and otherwise officially requested by Purchaser in writing shall not be considered.
- 9.0 Incomplete offer is liable to be rejected
- 10.0 The offer submitted should be valid for 90 (ninety) days from the date of opening.
- 11.0 Please ensure in your own interest that your bids in the required numbers of copies reaches us by the closing date and time mentioned above.
- 12.0 Unwarranted correspondences, voluntary reduction in prices or canvassing in any form after opening of price bids may lead to rejection of offer.
- 13.0 we reserve the right to reject all or any of the bids without assigning any reason thereof. Please note that the Price Bids shall be opened only for the bidders who have been found techno-commercially acceptable.
- 14.0 Any bid (s) received after due date and time of opening will not be considered

SPECIAL TERMS AND CONDITIONS

- 1.0 General Terms & Conditions enclosed herewith will form an integral part of the contract and unless the intending bidder stipulates in the contrary it will be presumed that all our General Terms & Conditions are acceptable.
- 2.0 Bidder should specifically confirm acceptance of the following Terms & Conditions :
- 3.0 **Completion Schedule** The vendor shall make the service fully functional **within 60 days** from the date of signing of the contract
- 4.0 **Delays** : In the event of delay on the part of the vendor to deliver the goods in full or part, the purchaser shall be entitled at its option to recover from the vendor a sum of 0.5% of the price of the order value for each/or part of a week by which the delivery has been delayed subject however to a maximum of limit of 10% of the order value as penalty for delay without prejudice to purchasers other right mentioned in the order.
- 5.0 **Terms of Payment** : 80% payment shall be released against submission of despatch documents within 30 days from the date of despatch. 10% after entire successful installation ,implementation and testing of the system and the last 10% on successful completion of one year operation and against submission of Performance Bank Guarantees for 10% of order value as per our proforma and valid for full warranty/guarantee period i.e 5 years from the date of implementation and subject to realization of penalty amount if any due to shortfall of Performance Guarantee.
- 6.0 **Warranty / Guarantee** : The material supplied shall stand guaranteed against any / all defects in design / workmanship of materials and performance for a period of 60 months from the date of implementation. Should any defect develop during the guarantee period, the equipment / system shall be repaired / remedied / replaced within 24 hrs.of call log in free of cost and all expenses for transportation of goods necessitated for such repairs / replacement shall be borne by the supplier.
- 7.0 **Penalty due to delay in service / deficiency in performance** : In case of any malfunctioning of the network, written complain will be lodged with the help desk of the vendor on mail / telephone and a log book will be maintained at the HPC office. The complain to be attended and corrective measures is to be taken within 24 hours of the call login. Incase the vendor fails to respond within the required period, a penalty of Rs.2000/- per day will be imposed and will be adjusted at the time of discharge of Performance Guarantee.
- 8.0 **Inspection** : Purchaser reserves the right to inspect the material at any point during its manufacturing. The supplier should furnish time to time information about the progress of work to the purchaser.
- 9.0 **Additional Information** : Purchaser may ask the Bidders for additional information, visit vendor's work site and / or ask for technical presentation and may arrange discussions with their professional, technical faculties to verify claims made in technical bid documents.
- 10.0 The terms and conditions mentioned herein above shall supersede the similar clauses in the General Terms & Conditions at Annexure –.

SCOPE OF THE PROJECT**1. Introduction:**

The Hindustan Paper Corporation Limited, is interested for Design, Development and implementation of Data Center Security using Unified Threat Management. The job includes supply & implementation of UTM, Gateway Antivirus, Anti Spyware, Anti Spam, IPSec VPN & Comprehensive Security for Network. This job is a turnkey project and the selected vendor will have to maintain the UTM for the next Five years.

There are 4 SUN servers (out of which one each database and application server is in SUN cluster) with SOLARIS 10 operating system installed on the servers. The Intranet has around 600 users across the country to whom access is provided through leased line/MPLS over VPN. The portal and email facility are also planned to be hosted in near future.

1. HPC Limited is having 2 MBPS leased line Data Network circuits along with MPLS connectivity for our regional and marketing setups. Also we are having 512 kbps leased line internet circuit with global IP schema and 256 kbps of broadband connectivity. The 2 MBPS leased line point to point data circuit and MPLS details are as follows:
 - a) In between Corporate Head Quarter and Nagaon Paper Mill at Jagiroad
 - b) In between Corporate Head Quarter and Cachar Paper Mill at Panchgram
 - c) In between Cachar Paper Mill at Panchgram & Nagaon Paper Mill at Jagiroad
 - d) MPLS Connectivity are with 14 depots, Regional Offices and Marketing Offices situated at Delhi, Chandigarh, Lucknow, Jaipur, Mumbai, Ahmedabad, Indore, Chennai, Bangalore, Hyderabad, Kochhi, Patna and Guwahati.
2. Successful vendor has to Design, Develop and implement Data Center Security in LAN and WAN Zone using Unified Threat Management (UTM).

SPECIFICATIONS & TECHNICAL REQUIREMENTS**SECTION -I****Firewall**

Description	Compliance
• Hardware and Performance ○ Appliance based architecture ○ Six 10/100/1000 ports ○ Rack Mountable ○ Minimum 1.8 Gbps Firewall performance and 250Mbps for VPN ○ Minimum 1.1 million concurrent connections	
• Firewall Features ○ Stateful Inspection ○ AAA Services support on the appliance ○ Anti IP-Spoofing support ○ Minimum VLAN Interfaces – 256 ○ Support for Voice protocols [H.323, SIP, SCCP, MGCP] ○ QoS Support [Guaranteed bandwidth, Maximum bandwidth, Priority bandwidth utilization, QOS weighted priorities, QOS guarantees, QOS	

limits and QOS VPN]	
• High Availability ○ Active – Active Mode ○ Session Failover support ○ VPN Failover support ○ Dynamic Load sharing without any load balancing switches	
• Virtual Private Network ○ Site to Site VPN ○ Tunnel Interface support ○ Built-in PKI Support ○ Integration to external PKI ○ Remote Access VPN (IPSEC/SSL) ○ VPN Tunnel Monitor ○ Dynamic policy enforcement on VPN Clients ○ VPN Client Software for Windows/MAC ○ Perfect forward secrecy ○ Prevent replay attack ○ NAT-T ○ IKE over TCP ○ IPSEC over HTTPS ○ Domain/Route based VPN ○ Route Injection mechanism ○ Site to site VPN on basis of Link selection ○ VPN type support ▪ IPSec ▪ PPTP ▪ L2TP ○ VPN Management ▪ Tunnel Monitoring ▪ Bandwidth Utilization per user (optional) ▪ Site to site VPN ▪ Strong Authentication	
• Management & Reporting ○ Integrated Web based GUI tool ○ Numbers of firewalls /VPN management ○ Firewall logs ○ Firewall log archiving to an external log server via an encrypted connection ○ Firewall administration station must support external user database authentication for firewall admin users ○ Option Bandwidth utilization/Real time traffic report of incoming & outgoing traffic - Graphical view. The total amount of traffic generated in working hours & non-working hours ○ The Traffic Summary presents bandwidth usage (number of hits and megabytes transferred) ○ Top host sent & top host received graph also in exportable format of minimum top ten users ○ The total amount of traffic generated in working hours & non-working hours ○ The top firewall rules triggered by the host ○ The top protocol groups - sent and received.(Graphs) ○ The top protocol in the protocol groups ○ The top hosts generating traffic using protocols in this protocol group ○ VPN summary reports with detail statistics of VPN usage	

Inspection engine		
The firewall must support stateful inspection of packets		
The firewall state engine must support the passing of multicast packets		
The firewall must support application layer inspection of sessions		
The firewall must provide state engine support for all common protocols		
The firewall must provide a means to define and modify existing services and state engines		
The firewall must use an object oriented policy language		
The firewall must provide NAT functionality, including dynamic and static NAT translations. It should be possible to offload NAT functionality to switch based hardware.		
Filtering		
Provision to restrict packets based on the following		
Source address		
Destination address		
Protocol type		
User		
Port number		
Unsafe/malicious content		
Fragments		
Acknowledgement bits		
URLs		
Custom defined		
Support for filtering major Internet Services		
Firewall should be aware for more than 200 common used protocols/applications		
Gateway Anti-Virus filtering for protocols such as FTP, HTTP, POP3 and SMTP		
Web filtering based on an extensive database of threat categories and associated URLs		
URL filtering should at leady have categorized 20 million plus url .		
URL filtering should support and understand more than 70 languages.		
Email Security :		
Email IPS	SMTP, POP3, and IMAP attack protection	
Pattern-based anti-spam	Detects spam based on dynamic database of signatures	
IP reputation checking	Blocks spam and malware by sender	
Signature-based antivirus	First layer of protection from viruses and malware	
Zero-hour outbreak protection	Complements signature-based protection to block new outbreaks	
Block/allow lists	Provides granular control over specific domains and users	
Firewall should be aware IM and P2P application detection over all TCP ports		
Skype / Kazaa / BitTorrent application and stop them if needed.		
Filter FTP (FTP port overflow and bounce protection)		
Filter SMTP		
Filter HTTP cross-site scripting protection		
Filter attack on HTTP : LDAP, SQL and command injection protection		
XML Web service (SOAP) content protection		
Filter SNMP		
Filter UDP		
Filter ICMP		
Filter RPC		
Filter DNS		
Filter DHCP		
Filter ARP		
Filter Citrix		

Support for filtering authentication Protocols	
• Filter LDAP	
• Filter HTTPS	
• Filter RADIUS	
• Filter TACACS	
Support for filtering database application	
• Filter Oracle	
• Filter DB2	
• Filter MS-SQL	
• Filter Oracle SQL *Net	
Support for filtering multimedia applications such as VoIP, H.323, Audio / video-based SIP support and MGCP and SCCP support	
Support for filtering TCP based applications	
Support for filtering HTTP traffic based on URLs IP addresses and content string matches	
Firewall Logging	
• The firewall must send log information to an external log server via an encrypted connection	
• The firewall administration software must provide a means of viewing, filtering and managing the log data	
• The firewall logs must contain information about the firewall policy rule that triggered the log	
• The firewall must be capable of capturing detailed packet data to a log	
• Firewall logging must not impact firewall performance	
• The firewall must provide a means for synchronizing time between the firewalls, the log server, and the administration station	
Firewall Statistics	
• The firewall must provide at a minimum basic statistics about the health of the firewall and the amount of traffic traversing the firewall	
• The firewall should support spanning of ports to an external device.	
Management	
• The firewall must support SNMP v1, v2 and v3.	
• Remote network access to the firewall should only be possible through the administration interface	
• Firewalls must be manageable from a centralized Solaris/Windows administration station	
• The firewall administration station must be capable of pushing firewall security policies and configurations to individual or multiple firewalls through a secure, encrypted connection to the firewall administration interfaces	
• The firewall must provide a Graphical User Interface (GUI) and a Command Line Interface (CLI) for making changes to the firewall rules set. Access to the firewalls via the GUI or the CLI must be through an encrypted channel	
• The firewall administration station must provide a means for exporting the firewall rules set and configuration to a text file.	
• The firewall must support external user database authentication for firewall admin users.	
• Any changes or commands issued by an authenticated user should be logged to an external database	
• There must be a means of connecting directly to the firewall through an encrypted connection to perform troubleshooting and packet captures.	
• There must be a means of connecting directly to the firewall through a console connection	
• The administration station must allow for a hierarchical architecture for rules set administration and viewing of firewall configurations	
• The firewall must not support any unencrypted means of access to the firewall	
• The firewall must send SNMP traps to Network Management Servers (NMS) in response to system failures	
• The firewall should provide a means for specifying thresholds and conditions for which it would send an alert	

Toll Free Support Line in INDIA

Should have a Toll free support line in India for Product support and query
Should have Maintenance Support in India

Section- II CISCO 4503 Switches - - Qty. – 2Nos

Client's Requirement of Specifications for CISCO 4503 Core Switch with Redundant Power Supply

Sl. #	Features	Description
1.	<i>Performance and Switching Specifications:</i>	64 Gbps Non Blocking Switch Fabric • Chassis Based Switch Having At Least 3 Slots With One Free Slot After Loading Supervisor And Interface Module. • 48 Mpps Layer 2 Forwarding (Hardware) • 48 Mpps Layer 3 And Layer 4 Forwarding, Express Forwarding-Based (Hardware) • Layers 2 Through 4 Hardware-Based Switch Engine (ASIC-Based) • Centralized Design • Unicast And Multicast Routing Entries: 32,000 • Layer 2 Multicast Addresses: 16,384 • MAC Addresses: 32,768 • VLAN: 2048 Active VLAN • Per-VLAN Spanning Tree (PVST+), And Per-VLAN Rapid Spanning Tree Protocol (PVRST) • Store-And-Forward Switching, Fast 1.4-Microsecond Latency • Functionally Transparent Line-Card Architecture • Packet Buffering: Dynamic, 16-MB Shared Memory • SDRAM: 256 MB • Onboard Flash Memory: 32 MB • Startup Configuration: Onboard Flash Memory • CPU 266 MHz • Should Have 12 10/100/100 Ports On the Supervisor with Eight No. of SFP Ports .

2.	Layer 2 Features Supported:	• Layer 2 Hardware Forwarding At 48 Mpps • Layer 2 Switch Ports And VLAN Trunks • IEEE 802. 1Q VLAN Encapsulation • Inter-Switch Link (ISL) VLAN Encapsulation (Excluding Blocking Ports On WS-X4418-GB) • Dynamic Trunking Protocol (DTP) • VLAN Trunking Protocol (VTP) And VTP Domains • Support For 2048 Active VLAN And 4096 VLAN Ids Per Switch • Spanning-Tree Port fast And Port fast Guard • Spanning-Tree Uplink fast And Backbone fast • 802.1s • 802.1w • 802.3ad • Spanning-Tree Root Guard • Internet Group Management Protocol (IGMP) Snooping Versions 1, 2, And 3 • Ethernet channel® Technology, Fast Ethernet channel, And Gigabit Ethernet channel Technology Across Line Cards • Port Aggregation Protocol (PAGP) • Link Aggregation Protocol (LACP) • Unidirectional Link Detection (UDLD) And Aggressive UDLD • Q-In-Q Pass-Through • Jumbo Frames (Up To 9216 Bytes) • Baby Giants (Up To 1600 Bytes) • Unidirectional Ethernet • Storm Control (Formally Known As Broadcast And Multicast Suppression) • Forced 10/100 Auto- negotiation • Web Content Communication Protocol Version 2 Layer 2 Redirect • Private VLAN Promiscuous Trunk
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3.	Layer 3 Features Supported:	• Hardware-Based IP Express Forwarding Routing At 48 Mpps • Static IP Routing • Routing Information Protocol (RIP) And RIP2 • Hot Standby Router Protocol (HSRP) • IGMP Versions 1, 2, 3 • IGMP Filtering On Access And Trunk Ports • IP Multicast Routing Protocols (Protocol Independent Multicast [PIM], Source Specific Multicast [SSM], Distance Vector Multicast Routing Protocol [DVMRP]) • Group Multicast Protocol Server • Full Internet Control Message Protocol (ICMP) Support • ICMP Router Discovery Protocol • Ipv6 Software Switched • EIGRP Stub • Non-Stop Forwarding With Stateful Switchover (NSF/SSO) • SSO-Aware Hot Standby Router Protocol • Virtual Router Redundancy Protocol (VRRP)
4.	Sophisticated Quality of Service and Traffic Management:	• Per-Port Quality Of Service (Qos) Configuration • Support For Four Queues Per Port In Hardware • Strict Priority Queuing • IP Differentiated Service Code Point (DSCP) And IP Precedence • Classification And Marking Based On IP Type Of Service (Tos) Or DSCP • Classification And Marking Based On Full Layer 3 And Layer 4 Headers (IP Only) • Input And Output Policing Based On Layer 3 And Layer 4 Headers (IP Only) • Support For 512 Polices On Ingress And 512 Polices On Egress Configured As Aggregate Or Individual • Shaping And Sharing Output Queue Management • Dynamic Buffer Limiting (DBL): Congestion-Avoidance Feature • No Performance Penalty For Granular Qos Functions • Auto-Qos CLI For Voice-Over-IP (VOIP) Deployment • Per-Port, Per-Vlan Qos

5.	Advanced Network Security Supported:	• TACACS+ And RADIUS, Which Help Enable Centralized Control Of The Switch And Restrict Unauthorized Users From Altering The Configuration • Standard And Extended Acls On All Ports • 802. 1x User Authentication (With VLAN Assignment, Voice VLAN, Port Security, Guest VLAN, Private Guest VLAN, Private VLAN, RADIUS Supplied Session Timeout Extensions) • 802.1x Accounting • 802. 1x Authentication Failure • 802. 1x Private VLAN Assignment • 802. 1x Private Guest VLAN • 802. 1x Radius-Supplied Time Out • Network Admission Control L2 802.1x • Network Admission Control L2 IP • Trusted Boundary • Router Acls (RACLs) On All Ports (No Performance Penalty) • VLAN Acls (VACLs) • Port Acls (PACLs) • Private VLANs (PVLANS) On Access And Trunk Ports • DHCP Snooping • DHCP Option 82 • DHCP Option 82 Insertion • DHCP Option 82 Pass Through • Port Security • Sticky Port Security • Sshv1 And Sshv2 • VLAN Management Policy Server (VMPS) Client • Unicast MAC Filtering • Unicast Port Flood Blocking • Dynamic Address Resolution Protocol (ARP) Inspection • IP Source Guard • Community Private VLAN • Trunk Port Security • 802.1x Inaccessible Authentication Bypass • MAC Authentication Bypass • Control Plane Policing • 802.1x Unidirectional Controlled Port • Voice VLAN Sticky Port Security • Secure Copy Protocol (SCP)
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6.	<i>Network Management - - -</i> Management Features Supported:-	• ASCII Config Support: Yes • SNMP Support: RFC1157 SNMP V1/V2c • TFTP Upload/Download: Yes • Port Mirroring: Yes (Port To Port, VLAN To VLAN, Bi-Directional) • RMON: 4 Group (Statistics, Alarm, Events, History), On Every Port, No Impact To Performance • Switch Must Be Remotely Managed Via One Telnet Session For All Module Configuration • Should Have Functionality To Add New Features By Upgrading Only The Central Switching Processor • Switch Should Support Remote SPAN Feature To Direct Traffic From Remote Switch To The Snooping Device Connected To Central Switch • Policy Based Management • Provisioned And Dynamic Policies At Layers 1-4 For Qos And Security • Real Time Multi-Port Statistics • Mac/IP Address Finder • Device And Port Groupings For Navigation And Policy Management • Radius/TACACS+ Server Support • Platforms: WINNT Or Sun Solaris, SPARC Edition/WIN 2000 • Multi Vendor Support • Private And Enterprise MIB • Access Right • Traffic Volume/Error/Congestion Monitoring • TFTP Download/Upload Software • Status – Watch/Inspect
7.	<i>Port Configuration</i>	• 12 Nos 10/100/1000 Mbps PoE Ports. • 8 Nos SFP Slots. (3 of which will be populated with 1000 Base Multimode Transceiver from Day one, preferably LC Connector)
8.	<i>Power Supply</i>	• The Chassis should come with an in-built 1300Volt AC Redundant Power Supply along with the 1300 Volt AC primary power supply with necessary power cables & accessories.
9.	<i>IEEE Standard Compliance:-</i>	• Ethernet: IEEE 802.3, 10BASE-T • Fast Ethernet: IEEE 802.3u, 100BASE-TX, 100BASE-FX • Gigabit Ethernet: IEEE 802.3z, 802.3ab • IEEE 802.3af Power Over Ethernet (Poe) • IEEE 802. 1D Spanning Tree Protocol • IEEE 802.1w Rapid Reconfiguration Of Spanning Tree Protocol • IEEE 802. 1s Multiple VLAN Instances Of Spanning Tree Protocol • IEEE 802.3 Ad Link Aggregation Control Protocol (LACP) • IEEE 802. 1p Class-Of-Service (Cos) Prioritization • IEEE 802.1Q VLAN • IEEE 802. 1x User Authentication • 1000BASE-SX • 1000BASE-LX/LH • 1000BASE-ZX • RMON I And II Standards

10.	RFC (Request For Comment) Support:-	• 768 UDP • 783 TFTP • 791 IP • 792 ICMP • 826 ARP • 854 Telnet • 1058 RIP • 1122 Host Requirements • 1256 Router Discovery Protocol • 1519 CIDR • 1542 Bootp • 1723 RIP V2 • 1812 IP Router Requirement • 2068 HTTP • 2178 OSPF • 2131 Bootp/DHCP Relay • 2236 • SNTP – RFC1769
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PERFORMANCE GUARANTEE CONDITIONS FOR NETWORK SECURITY

Failure to maintain the uptime 99.5% Network security solution

Net work Security uptime is the essence of the contract. During warranty period, Uptime Net work Security should have 99.5% up time. In case the vendor fails to maintain the uptime for the solution as specified above, a penalty of 1% of order value will be recovered from BG for every additional downtime of 1% or part thereof subject to maximum limit of 10%. Said penalty amount shall be recovered from the BG

Date:

Address

Seal and Signature of the Bidder

Pre qualifying Conditions**Prequalification and eligibility criteria of the Vendors**

01	Bidder shall have minimum five(5) years of experience in design,integration, commissioning and installation of comprehensive Network and Network Security system using Unified Threat Management (UTM)	Submit one orders for each year
02	Any bidder submitting offer with arrangement for supply of technology and proprietary equipment, the bidder should submit all documents i.e. licensing arrangement,contract/back to back agreement/MOU etc. for fulfilling the contractual obligation including Performance Guarantee in case of placement of order. However,such back to back arrangement/license should have validity till the completion of the Performance Guarantee of the equipment.	To be complied.
03	Bidder's past performance in HPC shall be considered for evaluation of the bids-	To be noted.
04	Registration under Companies Act / Trade License	Submit copy of certificate
05	System Integration business & Network installation, Maintenance & Support Experience of last 5 years	Submit one orders for each year
06	Office Infrastructure at Kolkata	Submit registration
07	Valid PF (provident fund) No.	Submit certificate
08	Service Tax Registration	Submit Certificate
09	Permanent Account Number for Income Tax Return	Mention the number
10	At least 25 Technical Staff out of which at least 5 should be in its regular payroll.	Give the details
11	Minimum average annual turnover of Rs. Twenty five Crore during last Three Financial Years	Give Balance Sheets for three years
12	At least three orders for Network Security/ Firewall/ UTM from Public Sector/Government / Corporate Sector	Submit copy of the order & Installation/Performance Certificates
13	Authorized Partners of OEM's for UTM	Submit authorization on original letter head of the Manufacturer Company duly stamped & signed (Xerox or scanned copy of the document will not be accepted)

Date:

Address

Seal and Signature of the Bidder

BIDDER'S PROFILE

(TO BE SUBMITTED IN BIDDER'S OWN LETTER HEAD)

NIB NO.ENQ/CA-09/000/09-10/12 Dtd 27.7.09

For Design, development and implementation of Data Center security using Unified Threat Management

Sl. No.	Description	Bidder's Confirmation
1	Bid Fee (Rs.2000/-)	Bank: DD No. Date:
2	EMD (Rs60,000/-)	Bank: DD No. Date:
3	Name and Address of the Firm with Phone No. / Fax No/ Email	
4	Status of Firm: (Proprietorship/Partnership/Company- documentary evidence to be furnished	
5	Full Name (s) & address (es) of proprietor / partner / directors	
6	Name (s) of person(s) authorized to sign documents on behalf of the bidder with specimen signature(s)	
7	Name of Bank & Address Alongwith RTGS details	
8	Factory License No (photocopy to be enclosed) Validity:	
9	Address of the factory with phone no. / fax no/ email and name(s) of contact person(s)	
10	PAN No (photocopy to be enclosed) Note: PAN Number for overseas supplier is not required	
11	CST Registration No. (photocopy to be enclosed) Note: CST Registration Number for overseas supplier is not required	
12	VAT Registration No (photocopy to be enclosed)	
13	Certified audited balance sheet as stated in Pre-qualification criteria	
14	List of major industrial customers in last 5 years (certified copies of purchase orders to be enclosed)	
15	Whether the bidder is agreeable to the General Terms and Conditions of Contract enclosed hereof in totality	
16	Bidder to confirm that they have submitted all documentary evidence for meeting pre-qualification criteria	
17	In case of an order, whether agreeable to keep the price valid till execution of the entire contract	
18	In case of overseas bidder having India agent, the name and address of the Company, contact person, fax no. / phone no / email details to be furnished with authorisation	
19	Declaration: The bidder should submit their offer alongwith a declaration stating that the partners/directors of the company are not related to the employees of HPCL	

I/We hereby declare that the particulars furnished above are true and correct to the best of my/our knowledge and agree to the terms and conditions of NIB No. ENQ/CA-09/000/09-10/12 dtd.27.7.09

In case of any misstatement or false information furnished, the bidder will be disqualified.

I/We accept all the terms and conditions contained in ENQ/CA-09/000/09-10/12 dtd.27.7.09

Date:

Address

Seal and Signature of the Bidder

PRICE BID

S. N.	Product Description	Qty	Unit Rate	
01	Appliance based UTM Firewall with five years Warranty and Updates Support as per Technical Specifications given in Section V of Tender Document. (There will be two firewall appliances which will work in High Availability mode)	01 Set		
	Model:			
	Make:			
02	CISCO 4503 SWITCH	2 Nos.		
Applicable Taxes : -- -- --				
Total Amount in words: (Rs.			TOTAL	

Date:

Address

Seal and Signature of the Bidder

GENERAL TERMS AND CONDITIONS**Article – 1****Definition****PURCHASER:**

Hindustan Paper Corporation Limited having its registered office at SCOPE Miner, Laxmi Nagar, District Centre, New Delhi – 110092, India. The term Purchaser includes successors and assigns of Hindustan Paper Corporation Limited.

VENDOR:

Vendor means the person, firm or Corporation to which this Purchase Order/Contract/Work Order is addressed. The term Vendor includes its successors and assigns.

GOODS:

Goods means the articles, goods supplies, drawing, data and other property and all services including design, delivery, inspection, testing, supervision during erection, installation and commissioning specified or required to complete this Purchase Order/Contract/Work Order.

Article – 2**COMPLETE AGREEMENT:**

This Purchase Order/Contract/Work Order, including the terms and conditions, the specifications hereto and any additional terms and conditions incorporated into and attached hereto, constitutes the sole and entire agreement between the parties hereto. Vendor's quotation is incorporated in and made a part of this Purchase Order/Contract/Work Order only to extent of specifying the nature and description of the goods ordered, and then only to the extent that such items are consistent with the terms of Purchase Order/Contract/Work Order. No other terms or conditions shall be binding upon Purchaser unless accepted by them in writing.

Article – 3**REVISIONS AND CHANGES:**

The Purchaser may in writing make any revisions or changes in this Purchase Order/Contract/Work Order, including additions to or deletions from the quantities originally ordered, in the specification or drawings.

The Vendor shall carry out such revision/changes and be bound by the same terms and conditions to the extent applicable, as though the said revisions were incorporated in the initial order.

If any revisions/changes affect the contract price or delivery, the same shall be subject to adjustment of price/delivery, where required on a very reasonable basis by mutual agreement. Claims for adjustment of price must be made within fifteen (15) days from the date when the revision or change is ordered.

Article – 4**TAXES**

All taxes, duties, levies and cess etc. payable in the country of origin and till despatch of the shipment will be payable by the Vendor. All other taxes, duties, cess or levies payable in India will be borne by the Purchaser.

Article-5**DELAYS**

Respect for Delivery Dates: Time is the essence of the agreement and the delivery dates are binding on the Vendor and no variation of scheduled delivery dates shall be permitted except after prior written authorization from the Purchaser.

In the event of delay on the part of the Vendor to deliver these goods in full or part, the Purchaser shall be entitled at its option to recover from the Vendor as agreed liquidated damages, a sum of 0.5% of the price of the contract value for each completed week or part of a week by which the delivery has been delayed subject however to a limit of 10% of the contract value, without prejudice to Purchaser's other rights mentioned in the agreement.

CAUSES OF FORCE MAJEURE

Delivery dates will be extended to the Vendor without being subject to liquidated damages, in the event of causes of force majeure within the contractual delivery periods, only the following will be considered causes of force majeure, acts of God (like earthquakes, floods, storms etc) acts of States including delays in the issuance of valid Import or Export Licences. The direct and indirect consequences of war (declared or undeclared), hostilities, national emergencies, civil commotions and strikes and lockouts (only these which exceed duration of ten continuous days) of Vendor and if accepted by the Purchaser. The Vendor shall immediately inform the Purchaser by cable/telex/fax and detailed letter supported by documentary proof at the beginning and end of all such impediments. It is understood that delivery dates will be extended only for the duration of the above mentioned impediments.

Article-6

NON-CONFORMANCE:

In the event of rejection or non-conforming goods, Vendor shall be allowed without any extension of delivery time, to correct the non conformities. Should, however, Vendor fail to do so within the stipulated time, the Purchaser may cancel the order as to the non-conforming goods and shall retain the right with respect to substitution at the cost of the Vendor, in installing and removing the non-conforming goods. Alternatively, however, Purchaser may at its option have or cause the non-conformity to be corrected at Vendor's expense. Purchaser also reserves the right to claim damages for use of defective or sub-standard goods supplied by the Vendor irrespective of the fact whether goods were inspected prior to receipt at project site by the Purchaser or not.

Article-7

NON-WAIVER:

Failure of Purchaser to insist upon strict performance of any of terms and conditions hereof, or failure or delay to exercise any rights or remedies provided herein or by law or failure to properly notify Vendor in the event of breach or the acceptance of payment for any goods hereunder or approval of design, shall not release Vendor of any of the Warranties or obligations of this Purchase Order/Contract and shall not be deemed a waiver of any right to Purchaser to insist upon strict performance hereof or of any of its rights or remedies as to any such goods regardless when shipped, received or accepted, nor shall any perforated oral modification or recession of this Purchase Order/Contract by Purchaser operates as a waiver of the terms hereof.

Article-8

INSPECTION:

Purchaser reserves the right to inspect or authorize any representative to inspect and expedite goods during manufacture at the Works of the Vendor or its sub-Vendor. If inspection is not carried out as above, the Purchaser further reserves the right to inspect the goods, under the contract, on receipt of the same at our site. The defects and/or rejections will be intimated to the Vendor within 30 days from the date of receipt of goods at our site. All the goods rejected by the Purchaser after inspection at our site shall be removed by the Vendor within 30 days from the date of intimation by the Purchaser at Vendor's expense and risk. It shall be option of the Purchaser to allow the Vendor to replace the rejected goods or to cancel the order for the rejected goods.

All the expenses relevant in the performance of the tests and connected with compilation of Test Reports, etc. at Vendor's Factory only ,will be borne by the Vendor. Purchaser shall bear their own travel and living expenses relating to the inspection.

Article-9

WARRANTIES-GUARANTEES:

Vendor shall warrant to Purchaser that the goods supplied shall give the required operational performance, shall be suitable for the service intended and be of the quality specified or of the best grade of their respective varieties if no quality is specified and shall conform to the specifications, drawings, samples and other descriptions contained in the Purchaser Order/Contract.

Vendor shall guarantee Purchaser and their authorized representatives against any and all defects in design workmanship, goods and performance for 12 months from the date of commissioning or 24 months from the date of despatch, whichever period ends earlier. Should any defect develop during guarantee period, it shall be remedied promptly free of charge by the Vendor and all expense for transportation of goods necessitated for such repairs or replacements shall be borne by the Vendor. The guarantee period for the replaced goods shall be twelve months. The goods, unless otherwise expressly stated herein are ordered by Purchaser in reliance on each and all of the warranties and guarantees specified herein and implied by law or usage of trade.

The said warranties and guarantees shall control even if Vendor's quotation to Purchaser or acknowledgement or acceptance of this Purchase order attempts to disclaim the said warranties or guarantees of limits the Purchaser's remedies for breach. Acceptance of goods by Purchaser or their authorized representatives shall not release Vendor from responsibilities arising out of the above mentioned guarantees and warranties.

Article-10

PERFORMANCE GUARANTEE:

The Vendor hereby undertakes to be responsible for defective goods supplied by him including shortcomings in the guaranteed qualities and performance as follows:

- A. The Vendor should guarantee that the Rotor would perform satisfactorily and generate 15 MW power on sustained basis.
- B. The Vendor further guarantees that the goods covered by this Purchase Order/Contract shall be supplied conforming to the specifications, drawings and other description contained in this Purchase Order/Contract.

Article-11

INFRINGEMENT OF PATENTS:

The Vendor shall warrant that the sale or use of goods, supplied under this order, whether Designed or manufactured so as to comply with Purchaser's specifications or otherwise, shall be free of any claim, whether rightful or otherwise of any person by way of infringement of any patent, copyright, trademark or industrial design, or the like and shall hold the Purchaser harmless and indemnify Purchaser and their authorized representative at its own cost from any and all such claims and legal proceedings, Purchaser makes no guarantee that the production, sale or use of the goods designed and manufactured so as to comply with Purchaser specifications will not give rise to the claim, whether rightful or otherwise of any third person by way of infringement of any patent, copyright, trademark or industrial design, or the like and in no event shall Purchaser be liable to the Vendor or indemnification in the event of any action being brought against Vendor in connection with any claim.

Article-12

COMPLIANCE OF REGULATIONS:

Vendor shall warrant that all goods and services covered by this conditions shall have been produced, sold supplied, despatched, delivered and furnished in strict compliance with all applicable laws, regulations, labour agreements, working conditions and technical codes and requirements as applicable from time to time. The Vendor shall execute and deliver such documents as may be required to effect or to evidence such compliance. All laws and regulations are hereby deemed to be incorporated by this reference. The Purchaser, and their authorized representatives disown any responsibility for any irregularity, contravention or infringement of any statutory regulations in the manufacture or supply of goods covered by this Order.

Article-13

GOVERNING LAW & JURISDICTION:

The Court of jurisdiction in case disputes, differences or claims arise between the parties shall be the Court within whose jurisdiction the Contract/Purchase Order/Work Order is signed.

Article-14

SALES CONDITIONS:

With the Vendor's acceptance of provision of this Purchase Order/Contract, Vendor waives and considers as void all of its sales conditions.

Article-15

TRANSIT RISK:

Transit Insurance after delivery shall be arranged and borne by the Purchaser against their Open General Policies as under:-

The Vendor shall furnish immediately after shipment of the equipment all relevant particulars required by the Purchaser and their Insurers to cover transit risk insurance. This shall in no way relieve the Vendor of his responsibility to provide proper packing and protections as stated elsewhere in this Purchase Order/Contract.

The Vendor shall assist the Purchaser, wherever necessary in settlement of claims which may arise in case of loss or damage to the equipment. Further, the Vendor shall ensure immediate replacement of any goods lost and/or damaged during transit.

Article-16

PACKING & MARKING:

Vendor shall ensure proper packing to prevent any damages and breakages during transit. Special packing shall be used depending upon type and nature of goods. The supplier shall be held liable for all damages or breakages to the goods, due to the defective or insufficient packing as well as for corrosion due to the insufficient and/or improper packing/protection. Vendor shall also ensure that the spares are packed separately in separate packages with specific markings.

Article-17

SUBSTITUTION AND WRONG SUPPLIES:

Unauthorised substitution or goods delivered in error or the wrong description or quality or supplied in excess of the quantity ordered or rejected goods shall be returnable only at expenses of the Vendor after due notification to him. Vendor shall bear responsibility, and shall bear among other charges, transportation expenses both ways.

Article –18

CONFIRMATION OF ORDER:

The Vendor will acknowledge the receipt of the Purchase Order/Contract within 15 days following the mailing of the order and shall thereby confirm his acceptance of the Purchase Order/Contract in its entirety without exceptions. This acknowledgement will bear on both Purchase Order/Contract and General Terms and Conditions.

Article-19

VENDOR'S DRAWINGS AND DATA REQUIREMENTS:

All technical documents, catalogues, leaflets, flowsheet, sketches, testing certificates, drawings etc. shall be supplied by the Vendor in quadruplicate (four copies) alongwith an additional reproducible copy of drawings. All drawings, specifications and dimensional drawing, documents etc. to be furnished by Vendor will be established in accordance with the metric system of weights and measures.

The above drawings and data shall be submitted by the Seller to the Purchaser in quadruplicate and in accordance with a time table to be mutually settled within two months from the time of this order between the Seller and the Purchaser keeping in view the requirements that the designing and civil engineering work can commence at the earliest and thereafter go on in an uninterrupted manner.

These time limits must be respected failing which the order will not be deemed to have been duly executed for all purposes.