



COMSATS University Islamabad, Lahore Campus
Defence Road, Off Raiwind Road, Lahore

Tender No. CUI-LHR-TN-13-19-1261

Case # 2725

Single Stage Two Envelop Procedure

Title of Tender: **Web Security / Protection / Gateway Appliance with Bandwidth Management and Firewall (Hardware)**

TERMS AND CONDITIONS

1. All pages of bidding documents are mandatory to be signed / stamped, meaning thereby bidder agrees to our terms & conditions mentioned herein, failing which the bid may be rejected.
2. Any addition, deletion or modification of any clause of the procurement terms & conditions/ BoQs of CUI Lahore Campus by any vendor will not be acceptable and may lead to rejection of the bid.
3. Only registered Suppliers, who are on Active Taxpayers List (ATL) of FBR, are eligible to participate in tender.
4. The contract will be executed and handed over in satisfactory conditions up to the entire satisfaction of COMSATS University Islamabad, Lahore Campus.
5. Documents along with Pay Order / Demand Draft amounting to **Rs. 1,000/-** as a tender documents fee (Non-Refundable) shall be submitted in favor of COMSATS University Islamabad, Lahore Campus to the address given below. No bid will be accepted without tender documents' fee.
6. Part / Advance payments is not allowed.
7. The exact completion/delivery time for is **60 Days (starting from the date of LC Opening)**. The handing over / completion time for this contract is of critical importance.
8. The bid proposal must be quoted inclusive of all freight and packing charges in C&F and to be delivered at Lahore Airport. CUI Lahore Campus shall open the direct LC in favor of Original Manufacturer / Principal and shall also clear the shipment from Custom Authorities.
9. After opening of bids, CUI-Lahore Campus will examine the bids for completeness as per tender document.
10. Purchase order (s) will be awarded to the lowest or technically recommended bidder (s) on the basis of item wise / subtotal wise / grand total wise according to the nature of BoQs.
11. The bid should be submitted in a sealed envelope up to **April 30, 2019** on or before **1400hrs** and will be opened on the same date **at 1430hrs** in the presence of available bidders.
12. COMSATS University Islamabad, Lahore Campus, will follow the PPRA rule of **single stage two envelope procedure**:
 - i. The bid shall comprise a single package containing **two separate envelopes**. Each envelope shall contain separately the **financial proposal** and the **technical proposal**;
 - ii. The envelopes shall be marked as **“FINANCIAL PROPOSAL”** and **“TECHNICAL PROPOSAL”** in bold and legible letters to avoid confusion;

Signature & Stamp of Bidder

- iii. Initially, only the envelope marked **“TECHNICAL PROPOSAL”** shall be opened;
 - iv. The envelope marked as **“FINANCIAL PROPOSAL”** shall be retained in the custody of the procuring agency without being opened;
 - v. The procuring agency shall evaluate the technical proposal in a manner prescribed in advance, without reference to the price and reject any proposal which does not conform to the specified requirements;
 - vi. During the technical evaluation no **amendments** in the technical proposal shall be permitted;
 - vii. The financial proposals of bids shall be opened publicly at a time, date and venue announced and communicated to the bidders in advance;
 - viii. After the evaluation and approval of the technical proposal the procuring agency, shall at a time within the bid validity period, publicly open the financial proposals of the technically accepted bids only. The financial proposal of bids found technically nonresponsive shall be returned un-opened to the respective bidders;
 - ix. and
 - x. The bid found to be the lowest evaluated bid shall be accepted.
13. The envelope should be marked as under;
- Secretary, Purchase Committee**
COMSATS University Islamabad, Lahore Campus
 Defence Road, Off Raiwind Road, Lahore.
 Tel: 042-111-001-007, Ext: 875
14. The envelope shall also bear the word **“CONFIDENTIAL”** and following identification quotation of **“Web Security / Protection / Gateway Appliance with Bandwidth Management and Firewall (Hardware)”**.
15. The bid form (BoQs) must be duly filled in, stamped and signed by the authorized representative of the bidder.
- 16. If the vendor fails to deliver the goods / services to COMSATS University Islamabad (CUI), Lahore Campus in time then the penalty will be charged as under:-**
- a. 1% per day of the invoice price for 5 working days.
 - b. 2% per day of the invoice price for further 5 working days.
 - c. If the vendor fails to deliver the goods / services during the extended period then the purchase / work order may be cancelled, earnest money and payment may be forfeited.
17. If the delivered goods / services are not according to the required quality standards / specifications, the same shall be liable to be rejected after inspection. The vendor would be required to supply as per requirements mentioned in our BoQs, otherwise the purchase / work order will be cancelled after due date with confiscation of earnest money.
18. Deduction of Income Tax and any other tax will be deducted at source according to Government prevailing rules.
19. Payment will be made on submission of Invoice in the name of “COMSATS University Islamabad (CUI), Lahore Campus” with a copy of delivery challan (s) after the complete order has been supplied, inspected and accepted which includes delivery / installation, and COMSATS acceptance / inspection thereof.

- 20. All prices should be valid for at least **120 days**. Withdrawal or any modification of the original offer within the validity period shall entitle CUI-Lahore Campus to forfeit the earnest money in favor of the CUI-Lahore Campus and / or put a ban on such vendor participation in tenders / works.
- 21. It is the sole responsibility of the agent / supplier / manufacturer to comply with the applicable laws, be national or international.
- 22. In case of any dispute or grievance, the matter shall be addressed as per PPRA rules.
- 23. The CUI-Lahore Campus reserves the right to modify the quantities of goods / services at any time before the award of purchase / work order.
- 24. The Successful/lowest bidder is required to submit the 05% of the total value of Purchase Order as a retention money in form of Call Deposit Receipt/ Local Bank Guarantee with the validity of Warranty Time Period i.e. **(Three Year Onsite)** in favor of COMSATS University Islamabad (CUI), Lahore Campus and it will be released after the completion of warranty period, which start from the date of completion of work / installation.
- 25. **The bidder is required to furnish in form of Bank deposit/ CDR / Pay order equivalent to 2% of the total Bid price as Earnest Money crossed in favor of “COMSATS University Islamabad, Lahore Campus”.**
- 26. **CUI Lahore Campus** reserves the rights to reject the bid if;
 - i. Received without earnest money
 - ii. Received later than the date and time fixed for tender submission
 - iii. The tender is unsigned/ unstamped
 - iv. The offer is ambiguous
 - v. The offer is conditional
 - vi. The offer is from a firm, which is black listed by any Govt. Office.
 - vii. The offer is received by telephone/telex/fax/telegram.
 - viii. Any unsigned / ambiguous erasing, cutting / overwriting etc. is made.
- 27. The bidder should furnish a certificate as worded below in token of acceptance of all the terms and conditions of the tender otherwise the tender will not be considered under any circumstances.
- 28. The undersigned affirm that the terms and conditions as contained in this document have been read and accepted and that in the event of selection of my/our rate the agreement in the prescribed form will be entered into:

- **Company / Vendor Name:**.....
- **Postal Address:**.....
- **Tel. / Mobile:**.....**Email:**.....
- **NTN# :**.....**GST#:**.....
- **Signature:**
- **Please also attach the Certificate supporting being Active Taxpayer as per requirement of FBR.**

BoQs of Web Security / Protection / Gateway Appliance with Bandwidth Management and Firewall (Hardware) for CUI-Lahore Campus

Technical Portion (Please mention the quoted model/ brand in technical portion with no mention of price otherwise the bid will be rejected)

Sr. #	No change in the BoQs (Specs & Qty.) of CUI-Lahore Campus. as detailed below, is allowed. Any additional information may be mentioned in the blank columns (i.e. model / brand or Price). Any modification in CUI-Lahore Campus. BoQ may lead to rejection of bid (fully or partially).	Qty.	Please mention the quoted Model / Brand with meeting the all specifications mentioned in BoQs
	Item's Name Specifications		
1	<p><u>Web Security/ Protection / Gateway Appliance with Bandwidth Management and Firewall (Hardware)</u> <u>Brand : Sangfor / Sophos / Cisco Meraki / Fortinet or equivalent</u></p> <p>Hardware Performance</p> <ul style="list-style-type: none"> • Redundant Power Supply • Storage for Log • 4 x 1G Copper / Optical Interface with Modules (Bypass Supported) • 2 x 10G SFP+ With 04 SFP+ Modules • Dedicated Management port • Console Port <p>General Features</p> <ul style="list-style-type: none"> • Advanced Security/ Application control throughput >= 2 Gbps • Concurrent users/Concurrent Connections >= 6,000/1,000,000 • TCP Connections per Second >= 20,000 • User Account >= 30,000 • Role-Based Administration • IPV4 & IPV6 Support • Modes: <ul style="list-style-type: none"> ○ Transparent Mode (Bridge Mode) ○ Gateway Mode (Router Mode). <ul style="list-style-type: none"> • DHCP Server • SNMP • Backup and Restore • Remote Management (WEB, SSH, Telnet) <p>Anti-Virus & Anti-Malware</p> <ul style="list-style-type: none"> • Virus/Malware Signature Update for 3 Years • Detect and Protect Network Traffic from Malicious files via HTTP, HTTPS, FTP, SMTP, POP3, and IMAP. <p>User Authentication, Registration & Management</p> <ul style="list-style-type: none"> • Single Sign-On (SSO) Authentication Support <ul style="list-style-type: none"> ○ Active Directory ○ Radius ○ Local Database. • User Bulk Import • User Identification based on Username, IP Address, MAC Address. and Hostname. • User Binding based on IP Address and MAC Address • Endpoint Device Identification such as Mobile, PC etc. <p>Captive Portal</p> <ul style="list-style-type: none"> • Login Page Customization.. • Integration with Active Directory • URL Redirection after Authentication • Support Guest Users based on SMS Authentication, 	1	No.

<p>Application Control</p> <ul style="list-style-type: none"> • Application control based on category, characteristics and signature • Support to Block HTTPS Application and Traffic • Display Warning Message for Blocked URL • Support Application Control Policy with Application Based, Service Based, User Base and Schedule Base <p>Bandwidth Management</p> <ul style="list-style-type: none"> • Volume Based for Application, Service, User, VLAN, Device and Time • Speed Based for Application, Service, User, VLAN, Device, and Time • Prioritization of Bandwidth based on user and application <p>Security modules</p> <ul style="list-style-type: none"> • Built-in Firewall and IPsec VPN. • Customize on self- define application/URL, which is not listed in local/cloud database. <p>Reports</p> <ul style="list-style-type: none"> • Built-In Internal Reports Monitoring • Local Report Consol. • Support to Generate Overall Network Information such as Maximum Concurrent User, Maximum Bandwidth Utilization, Network Peak Hour. • Application reports (Blocked and Allowed Apps, Web Uses, Search Engine, Web Servers, FTP) • Support to Record User Traffic Logs with Details such as URL, Source IP Address, Destination IP Address, DNS Server, MAC Address, Source Port, Destination Port, Protocol, Timeline. • Support to Generate Report with Different Timeline such as Yearly, Monthly, Weekly, and Hourly. • The solution shall support to export user behavior logs/reports to CSV and PDF file format. • GSM SMS Modem for SMS Alert & Captive Portal <p>Warranty, Support & Subscription</p> <ul style="list-style-type: none"> • Three Years on site 24/7 Comprehensive warranty and support • Three year 24/7 support for firmware, all modules and databases up dation. • Device should continue operation without update after the expiry of warranty & support. 			
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Vendor Qualification Criteria

Vendor Qualification	Document Needed
Authorized Tier 1/Level-I Partnership/Authorized Service Provider	Certificate from Principal/Manufacturer
Project Participation Authorization from Principal/Manufacturer	Letter from Principal/Manufacturer
Warranty Coverage from Manufacturer/Principal	Letter from Principal/Manufacturer OR Email from Manufacturer

Product Qualification

1. If the product offered by vendor, failed to meet the specifications / standards mentioned in the BOQ, it will be rejected straightaway along with its and no further consideration will be given. Furthermore, if the offered product has better specifications than the requirement of BOQ it will be accepted.

2. If needed IT Technical team may ask for the demo of quoted Product for the verification of the specifications.
3. The Vendor will be bound to provide the onsite/Local training & certification to IT Team of CUI Lahore.

Technical Evaluation Criteria:

1. All the bids shall be evaluated against the technical requirements mentioned above.
2. All necessary documents / certificates shall be checked / verified from concerned Principal / Manufacturer / website or through email.
3. BoQs / specifications of the quoted model / brand shall be checked from brochure / product sheet or from website of the manufacturer.
4. If needed IT Technical team may ask for the demo of quoted Product for the verification of the specifications.

Financial Portion (Price and Brand/Model to be mention only in Financial Proposal in a separate sealed envelope with Complete Terms & Conditions)

<p>Vendors are required to provide both unit and total price of each item and calculations must be made carefully to avoid mistakes. However, in case, total price does not match with the unit price and quantity due to calculation error or typo error, any of the following can be opted</p> <ol style="list-style-type: none"> 1. The bid may be rejected on the reason of ambiguity (OR) 2. Unit price will be considered as final and total price of the respective item will be calculated by multiplying it with the quantity required. Sub-totals and grand total will also be corrected accordingly 					
<p>No change in the BoQs (Specs & Qty.) of CUI-Lahore Campus. as detailed below, is allowed. Any additional information may be mentioned in the blank columns (i.e. model / brand or Price). Any modification in CUI-Lahore Campus. BoQ may lead to rejection of bid (fully or partially).</p>			<p>Rates to be quoted inclusive of all (applicable) taxes</p>		
Sr. #	Item Name & Specification	Qty.	Quoted Model / Brand	Unit Price (C&F Lahore Airport) with mentioning of Quoted Currency	Total Price (C&F Lahore Airport) with mentioning of Quoted Currency
1	<p><u>Web Security/ Protection / Gateway Appliance with Bandwidth Management and Firewall (Hardware)</u> <u>Brand : Sangfor / Sophos / Cisco Meraki / Fortinet or equivalent</u> Hardware Performance</p> <ul style="list-style-type: none"> • Redundant Power Supply • Storage for Log • 4 x 1G Copper / Optical Interface with Modules (Bypass Supported) • 2 x 10G SFP+ With 04 SFP+ Modules • Dedicated Management port • Console Port <p>General Features</p> <ul style="list-style-type: none"> • Advanced Security/ Application control throughput \geq 2 Gbps • Concurrent users/Concurrent Connections \geq 6,000/1,000,000 	1	No.		

Signature & Stamp of Bidder

<ul style="list-style-type: none"> • TCP Connections per Second >= 20,000 • User Account >= 30,000 • Role-Based Administration • IPV4 & IPv6 Support • Modes: <ul style="list-style-type: none"> ○ Transparent Mode (Bridge Mode) ○ Gateway Mode (Router Mode). • DHCP Server • SNMP • Backup and Restore • Remote Management (WEB, SSH, Telnet) <p>Anti-Virus & Anti-Malware</p> <ul style="list-style-type: none"> • Virus/Malware Signature Update for 3 Years • Detect and Protect Network Traffic from Malicious files via HTTP, HTTPS, FTP, SMTP, POP3, and IMAP. <p>User Authentication, Registration & Management</p> <ul style="list-style-type: none"> • Single Sign-On (SSO) Authentication Support <ul style="list-style-type: none"> ○ Active Directory ○ Radius ○ Local Database. • User Bulk Import • User Identification based on Username, IP Address, MAC Address. and Hostname. • User Binding based on IP Address and MAC Address • Endpoint Device Identification such as Mobile, PC etc. <p>Captive Portal</p> <ul style="list-style-type: none"> • Login Page Customization.. • Integration with Active Directory • URL Redirection after Authentication • Support Guest Users based on SMS Authentication, <p>Application Control</p> <ul style="list-style-type: none"> • Application control based on category, characteristics and signature • Support to Block HTTPS Application and Traffic • Display Warning Message for Blocked URL • Support Application Control Policy with Application Based, Service Based, User Base and Schedule Base <p>Bandwidth Management</p> <ul style="list-style-type: none"> • Volume Based for Application, Service, User, VLAN, Device and Time • Speed Based for Application, Service, User, VLAN, Device, and Time • Prioritization of Bandwidth based on user and application <p>Security modules</p> <ul style="list-style-type: none"> • Built-in Firewall and IPsec VPN. • Customize on self- define application/URL, which is not listed in local/cloud database. <p>Reports</p> <ul style="list-style-type: none"> • Built-In Internal Reports Monitoring • Local Report Consol. 					
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	<ul style="list-style-type: none"> • Support to Generate Overall Network Information such as Maximum Concurrent User, Maximum Bandwidth Utilization, Network Peak Hour. • Application reports (Blocked and Allowed Apps, Web Uses, Search Engine, Web Servers, FTP) • Support to Record User Traffic Logs with Details such as URL, Source IP Address, Destination IP Address, DNS Server, MAC Address, Source Port, Destination Port, Protocol, Timeline. • Support to Generate Report with Different Timeline such as Yearly, Monthly, Weekly, and Hourly. • The solution shall support to export user behavior logs/reports to CSV and PDF file format. • GSM SMS Modem for SMS Alert & Captive Portal <p>Warranty, Support & Subscription</p> <ul style="list-style-type: none"> • Three Years on site 24/7 Comprehensive warranty and support • Three year 24/7 support for firmware, all modules and databases up dation. • Device should continue operation without update after the expiry of warranty & support. 					
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Special Terms and conditions;

- i. **Please quote the rates on our BoQs and clearly mention the quoted model / brands, otherwise your bid / items may be rejected.**
- ii. **Purchase / work order (s) will be awarded on Item wise Basis.**
- iii. **In Addition to filling of the attached BoQs, supporting literature of the quoted model must be attached for verification & technical evaluation of the required specification by the technical committee. In case of any clash is found between the quoted model and the literature model. So the item/bid may be rejected.**
- iv. **Kindly attach the Tender fee with Technical Bid and Bid money / CDR with Financial Bid.**
- v. **Please submit the technical and financial bid (s) on our prescribed BoQs and clearly mention the quoted model / brands, otherwise your bid (s) may be rejected and also attach the terms and conditions (signed, stamped) with both bids.**
- vi. **Multiple rates of an item may also lead to the rejection of bid / item.**