INTERNATIONAL CENTER FOR CHEMICAL AND BIOLOGICAL SCIENCES
UNIVERSITY OF KARACHI
KARACHI-75270

TENDER NOTICE NO. ICCBS/HEJ/PRF_9757/CMP-130617.

Sealed tenders are invited from the sales tax registered firms with Sindh Revenue Board and income tax department (where applicable) for purchase of ***"Computer Networking Equipments"*** on ***FOR Basis*** and on ***Single-Stage One-Envelope*** procedure basis for the Center.

The tender documents can be collected from Purchase Office of the Center, on any working day between 9.00 a.m. to 12.30 p.m., from **29-05-2017** or from the date of publication of the advertisement in the newspapers or notification of this advertisement on the websites on payment of Rs. 300/- (non-refundable), in shape of a pay order (Demand Draft by the out of Karachi suppliers), in favor of the Director, H.E.J., or downloaded from the websites www.iccs.edu, www.pprasindh.gov.pk. The last date of issuing the tender documents is **12-06-2017**. The tenders can be submitted with 2% of the bid value as earnest money in shape of a pay order in favor of the Director, H.E.J., latest by 10:30 a.m. on **13-06-2017**. The tender will be opened in Meeting Room of the Center at 11:00 a.m. on the same day in presence of the bidders or their representatives. Alternate bid/option should accompany separate earnest money pay orders and bidding documents pay orders. The Procuring Agency may reject all or any bid subject to the relevant provision of SPP Rule No. 25.

For any information and detail:
Purchase & Store Dept.
Tel # 34819011; 111-222-292 (109, 108)
Email Add. : store.iccs@hotmail.com

DIRECTOR

H.E.J RESEARCH INSTITUTE OF CHEMISTRY
INTERNATIONAL CENTER FOR CHEMICAL AND BIOLOGICAL SCIENCES
UNIVERSITY OF KARACHI
KARACHI-75270

Contact Person:

Mr. Ishfaque Khanzada
Lab No. 202, Intercom No. 111-222-292 (Ext. 273/247)
University of Karachi, Karachi-75270

ITEM: Intelligent Next Generation Firewall		
	Item Specifications	
1	The proposed solution must have UTM Complete ingredients with 2 years Licenses. The solution must have a complete NTA/ Traffic analyzer/other detail analyzer. Warranty: Warranty should be 2 years complete hardware and software. Replacement of hardware in case of failure and malfunctioning. 2 years local + principal support Hardware Specification FW Throughput ------------------------------ 20Gbps or more IPS Throughput ------------------------------ 8Gbpsor more AV Throughput ------------------------------- 6Gbpsor more IPSec Throughput ----------------------------12Gbpsor more New Sessions/s ------------------------------ 250K or more Maximum Concurrent Session ------------4Mor more Expansion Slot ---------------------------------2 x Generic Slots Storage --- Dual Storage: 120G (480G or 960G SSD Optional) +480G SSD (960G SSD Optional)	

	Power Supply ------------------------------------ Dual	
2	Solution must not have Application specific chips like ASICs that doesn't allow future firmware and feature expansions on the same hardware. Solution must be based on parallel processing architecture and must not use proprietary ASIC chips. The proposed solution will be a Next Generation Firewall and not an UTM (unified threat management) system. The OEM must publish performance claims on public domain like websites, datasheets. Letter head performance claims will not be entertained. The proposed solution must have at least one dedicated console port, one AUX port, and at least one USB port. The proposed solution must have at least 2 fixed Gigabit Ethernet ports and 4 SFP ports, any of them can either be WAN or LAN interface ports The proposed solution must have at least two slots for extension IO modules. The proposed solution must support the option to support maximum of 18 Gigabit Ethernet ports, or maximum of 20 SFP ports, or 4 10G ports, with the optional IO module in extension slots. The proposed solution must support two dedicated HA (Gigabit Ethernet) ports and one management (Gigabit Ethernet) port. The proposed solution must support dual storage, one with at least 120G SSD (upgradable to 480G or 960G SSD), and the 2nd one with at least 480G SSD storage (upgradable to 960G SSD) The proposed solution must support two Gigabit Ethernet Bypass pairs as a future upgrade option. The proposed solution must support either dual AC or dual DC power supply The proposed solution must be with a 2-U form factor. The proposed solution must support Lightning Surge Immunity (pass the IEC 61000-4-5 2005 Surge Immunity test)	

	The proposed solution must support 20Gpbs firewall throughput The proposed solution must support 4M concurrent sessions The proposed solution must support 250,000 new session/second under TCP traffic. The proposed solution must support 12Gbps IPSec VPN throughput, and 20,000 IPSec VPN tunnels. The proposed solution must support 6Gbps AV throughput. The proposed solution must support 8Gbps IPS throughput The proposed solution must support maximum of 10,000 concurrent SSLVPN users, and with 8 SSLVPN users for free.	
3	The proposed solution must support static and policy based routing	
4	The proposed solution must support built-in DHCP, NTP, DNS Server and DNS proxy network services	
5	The proposed solution must support NAT/route mode of operation	
6	The proposed solution must support tapping mode of operation	
7	The proposed solution must support transparent (bridge) mode of operation	
8	The proposed solution must support mixed (NAT/route and transparent) mode of operation	
9	The proposed solution must support virtual wire (Layer 1) transparent inline deployment mode	
10	The proposed solution must support following interface modes: sniffer, port aggregated, loopback, VLANS (802.1Q and Trunking)	
11	The proposed solution must support L2/L3 switching & routing	
12	The proposed solution must support virtual switch function, each virtual switch has its own MAC address list	
13	The proposed solution must support virtual routing function, each virtual route has its own route list	

14	The proposed solution must support traffic mirroring to configured port on device for traffic analysis. Mirroring filter based on source IP, destination IP, source port, destination port, network protocol (TCP/DUP/ICMP), etc. Mirroring for ingress traffic, egress traffic or both.	
15	The proposed solution must support SNAT, DNAT, PAT. It must support per policy NAT configuration and central NAT table configuration	
16	The proposed solution must support dynamic NAT and static NAT, multi-to-one, one-to-multi, one-to-one NAT.	
17	The proposed solution must support NAT444 (CGNAT), and support exporting NAT444 static mapping table as a file	
18	The proposed solution must support Bidirectional Forwarding Detection (BFD), BFD interaction with static route/OSPF/BGP.	
19	The proposed solution must support NAT pool expansion so that one public IPv4 address supports more than 64K private IP addresses.	
20	The proposed solution must support address reach ability tracking for IP addresses in public NAT IP address pool, dynamically remove the unreached public IP address from NAT translation.	
21	The proposed solution must support NAT46, NAT64, DNS64	
22	The proposed solution must support Full Cone NAT, STUN	
23	The proposed solution must support predefined and customized policy objects. It must support object grouping.	
24	The proposed solution must support security policy based on application, user role and geo-location	
25	The proposed solution must support following application level gateway (ALG) for following protocols: MSRCP, PPTP, RAS, RSH, SIP, FTP, TFTP, HTTP, DCERPC, DNS-TCP, DNS-UDP, H.245, H.323	
26	The proposed solution must allow single policy creation for application control, user based control, threat prevention, Anti-virus, file filtering, at single place within a single policy.	
27	The proposed solution must support security policy redundancy check	
28	The proposed solution must support policy hit count in WebUI	

29	The proposed solution must support policy search in WebUI	
30	The proposed solution must support scheduled policy, one-time or recurring.	
31	The proposed solution must support session limit based on source IP, destination IP, schedule, application protocol (mysql, ms-sql, sqlnet, P2P download, video, game etc.) and limit new connections, concurrent sessions	
32	The proposed solution must support abnormal protocol attack defense	
33	The proposed solution must support ARP attack defense	
34	The proposed solution must support DDoS protection against DNS Query Flood, SYN Flood, UDP Flood, ICMP Flood, Ping of Death, Smurf, WinNuke, TCP Split Handshake; support action include log-only and reset; support different configurations for different security zones.	
	Intrusion Prevention (Licensed)	
35	The solution must support customized signatures, manual, automatic push or pull signature updates, and integrated threat encyclopedia.	
36	The solution must support protection from SQL injection, CC and XSS attacks	
37	The solution must support CC attack protection with request limit, proxy limit, customized threshold, crawlers-friendly methods. Support 4 authentication methods: JS Cookie, Redirect, Access confirm, CAPCHA	
38	The solution must support protocol anomaly detection, rate-based detection.	
39	The solution must support following IPS actions: default, monitor, block, reset (attackers IP or victim IP, incoming interface) with expiration time	
40	The solution must support packet logging option	
41	The solution must support IPS security profile based on severity, target, OS, application or protocol.	
42	The solution must support IP exemption from specific IPS signatures.	
43	The solution must support IDS sniffer operation mode.	

44	The solution must support predefined IPS profile configuration	
45	The proposed solution must support IP Reputation and botnet server IP blocking with global IP reputation database	
	Anti-Virus (Licensed)	
46	The solution must support over 4 million Antivirus signatures, with manual, automatic push or pull signature updates	
47	The solution must support flow-based Antivirus: protocols include HTTP, SMTP, POP3, IMAP, FTP/SFTP.	
48	The solution must support virus detection for compressed files such as RAR, ZIP, GZIP, BZIP2, TAR; support multi-layer compressed file detection for no less than 5 decompression layer, and customize action for exceed behaviors	
49	The solution must support customized action for encrypted compressed file	
50	The solution must support at least 3 actions: fill magic, reset connection, log only when virus or malicious website is detected	
51	The solution must support warning for malicious website and virus, alert the user that the website is malicious website or virus has been detected.	
	URL Filtering (Licensed)	
52	The solution must support dynamic web filtering with cloud-based real-time categorization database: over 140 million URLs with no less than 64 categories (no less than 8 of which are security related)	
53	The solution must support manually defined web filtering based on URL, web content and MIME header	
54	The solution must support following additional filtering features -Filter Java Applet, ActiveX or cookie - Block HTTP Post - Log search keywords - Exempt scanning encrypted connections on certain categories for privacy	
55	The solution must support URL filtering profile override, to allows administrator to temporarily assign different profiles to user/group/IP	

56	The solution must support customized warning page for URL filtering	
	Cloud Sandbox **(Licensed)**	
57	The solution must support uploading malicious files to cloud sandbox for analysis	
58	The solution must support uploading malicious files from protocols including HTTP/HTTPS, POP3, IMAP, SMTP and FTP	
59	The solution must support file types including PE,ZIP, RAR, Office, PDF, APK, JAR and SWF	
60	The solution must support file transfer direction and file size control	
61	The solution must provide complete behavior analysis report for malicious files	
	SSL Decryption	
62	The solution must support application identification for SSL encrypted traffic	
63	The solution must support IPS for SSL encrypted traffic	
64	The solution must support AV for SSL encrypted traffic	
65	The solution must support URL filtering for SSL encrypted traffic	
66	The solution must support SSL Encrypted traffic whitelist	
67	The solution must support SSL proxy offload mode	
68	SSL proxy is configured per policy and not global config (after binding the SSL proxy profile to a policy rule, the system will process the traffic that is matched to the rule according to the profile configuration)	
	User/Application/File/Endpoint and DLP	
70	The solution must support the identification of endpoint IP, endpoint quantity, on-line time, off-line time, and on-line duration	
71	The solution must support over 3,000 applications, it must support the filter of applications by name, category, subcategory, technology and risk.	
72	The solution must support display of description, risk factors, dependencies, typical ports used, and URLs for additional reference, and	

	etc. information for each application in its WebUI.	
73	The solution must support block, reset session, monitor, traffic shaping for applications.	
74	The solution must be able to identify and control cloud applications in the cloud, it must provide multi-dimensional monitoring and statistics for cloud applications, including risk category and characteristics.	
75	The solution must support file transfer control based on file name, type and size	
76	The solution must support file transfer control in following protocols: HTTP, HTTPS, FTP, SMTP, POP3 and SMB	
77	The solution must support file signature and suffix identification for over 100 file types	
78	The solution must support local user database	
79	The solution must support user authentication with TACACS+, LDAP, Radius, Active Directory	
80	The solution must support interaction with third-party authentication system via open API.	
81	The solution must support 2-factor authentication, either with 3rd party support, integrated token server with phsical and SMS	
82	The solution must support user group synchronization based on AD and LDAP	
83	The solution must support 802.1X, SSO Proxy	
84	The solution must support the detection of unauthorized NAT (Network Address Translation) devices such as rogue access points.	
	QoS (Quality of Service)	
85	The solution must support maximum or guaranteed bandwidth control, on a IP address or user basis.	
86	The solution must support QoS based on security domain, interface, address, user/user group, server/server group, application/app group, TOS, VLAN	

87	The solution must support bandwidth allocated by time, priority, or equal bandwidth sharing	
88	The solution must support Type of Service (TOS) and Differentiated Services (DiffServ)	
89	The solution must support scheduled QoS policy	
90	The solution must support flexible and prioritized allocation of unused remaining bandwidth	
91	The solution must support two levels of traffic shaping which enables traffic shaping in different dimensions such as users and applications. The solution must support at least four tunnels per level which provides a hierarchy of traffic control.	
	Server Load balancing	
92	The solution must support integrated Server Load Balancing (SLB)	
93	The solution must support weighted hashing, weighted least-connection, and weighted defense round-robin server load balancing algorithms.	
94	The solution must support session protection, session persistence and session status monitoring.	
95	The solution must support server health check, session monitoring and session protection	
Corporate WiFi Solution		
No.	**Specifications**	
1	**Wireless:** **ZoneDirector 1200 ENTERPRISE-CLASS SMART WIRELESS LAN CONTROLLER** ZoneDirector 1200, licensed for up to 05 ZoneFlex Access Points.(ZD1200 can be upgraded to 70 APs with AP license upgrades)**Features:**Support for 256 WLANs75 Access pointsUsers Support: Up to 2,000Integrated DHCP server802.11ac readyNative ActiveDirectory/RADIUS/LDAP supportLocal authentication databaseRogue AP detection and graphical map viewPerformance monitoring and statistics **(QTY: 01)**	

	ZoneDirector 1200 Single AP License Upgrade SKU. Max orderable upgrade license quantity is 70 **(QTY: 20 excluded of prebuilt 5 or more licenses)** **Indoor Wireless Access Points** **ZoneFlex R500 dual-band 802.11abgn/ac Wireless Access Point,** 2x2:2 streams, BeamFlex+, dual ports, 802.3af PoE support. Does not include power adapter or PoE injector. **(QTY: 03)** **ZoneFlex R710 dual-band 802.11abgn/ac Wireless Access Point,** 4x4:4 streams, MU-MIMO, BeamFlex+, dual ports, 802.3af/at PoE support. Does not include power adapter or PoE injector. Includes Limited Lifetime Warranty. **(QTY: 10)** **Outdoor Wireless Access Points with POEs** **ZoneFlex T-710 dual band 802.11ac Outdoor Wireless Access** Point, 4x4:4 streams,Omni directional Beamflex+ coverage, dual 10/100/1000 Ethernet ports, 90-264 Vac, POE in and POE out, Fiber SFP, GPS, IP-67 outdoor enclosure. Does not include power adapter. **(QTY: 04)** Power over Ethernet (PoE) Injector (10/100/1000 Mbps(T710-series, 7762-series, 7782-series, 8800-S access points), UK Plug **(QTY: 03)** Work Including Wiring/cabling per running Feet With Material included RJ 45 ,Cat6 UTP Cables , PVC Pipes with accessories) (As per site and as per need and required) Installation and Configuration deploying and Implementation of the complete setup	

Estimated Cost: Above 1.0 Million

Instructions to bidders

Preparation of Bids

1. Scope of Work

The, I.C.C.B.S., plans to develop / acquire a comprehensive integrated solution for all the functional needs and requirements of EQUIPMENT, as described in later pages.

2. Method and procedure of Procurement

National Competitive Bidding **Single-Stage One-Envelope Procedure** as per SPP Rules 2010 (updated 2017)

2. Language of Bid

The bid prepared by the Bidder, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Procuring agency , shall be written in the English language

3. Documents Comprising the Bid

The bid prepared by the Bidder shall comprise the following components:

(a) Price Schedule completed in accordance with ITB Clauses 4, 5 and 6.

(b) Bid security furnished in accordance with ITB Clause 9.

4. Bid Prices

4.1 The Bidder shall indicate on the appropriate Price Schedule the unit prices (where applicable) and total bid price of the equipment it proposes to supply under the contract.

4.2 the prices shall be quoted on delivery to consignee's end inclusive of all taxes, stamps, duties, levies, fees and installation and integration charges imposed till the delivery location specified in the Schedule of Requirements. No separate payment shall be made for the incidental services.

4.3 Prices quoted by the Bidder shall be fixed during the Bidder's performance of the contract and not subject to variation on any account, unless otherwise specified in the Bid Data Sheet.

4.4 Prices shall be quoted in Pak Rupees otherwise specified in bid data sheet.

5. Bid Form

The Bidder shall complete the Bid Form and the appropriate Price Schedule furnished in the bidding documents, indicating Equipment to be supplied, description of the Equipment and prices.

6. Bid Currencies

Prices Shall be quoted in fixed and in Pak Rupees.

7. Documents Establishing

The Bidder shall furnish, as part of its bid, documents establishing the Bidder's eligibility to bid and its qualifications to perform the contract

Bidder’s Eligibility and Qualification

if its bid is accepted.

(a) That the Bidder has the financial and technical capability necessary to perform the contract;

(b) That the Bidder meets the qualification criteria listed in the Bid Data Sheet.

8. Documents’ Eligibility and Conformity to Bidding Documents

The documentary evidence of conformity of the Equipment to the bidding documents may be in the form of cat number, part number etc., and shall consist a detailed description of the essential technical and performance characteristics of the systems.

9. Bid Security

9.1 The bid security is required to protect the Procuring agency against the risk of Bidder’s conduct, which would warrant the security’s forfeiture

The bid security shall be denominated in the currency of the bid:

(a) At the Bidder’s option, be in the form of either demand draft/call deposit or an unconditional bank guarantee from a reputable Bank ;

(b) Be submitted in its original form; copies will not be accepted;

(c) Remain valid for a period of at least 14 days beyond the original validity period of bids, or at least 14 days beyond any extended period of bid validity

9.2 Bid securities shall be released to the unsuccessful bidders once the contract has been signed with the successful bidder or the validity period has expired.

9.3 The successful Bidder’s bid security shall be discharged upon the Bidder signing the contract, and furnishing the performance security.

9.4 The bid security may be forfeited:

(a) If a Bidder withdraws its bid during the period of bid validity or

(b) In the case of a successful Bidder, if the Bidder fails:

(i) to sign the contract in accordance or
(ii) to furnish performance security

10. Period of Validity of Bids

10.1 Bids shall remain valid for the period specified in the Bid Data Sheet after the date of bid submission prescribed by the Procuring agency. A bid valid for a shorter period shall be rejected by the Procuring agency as non responsive.

10.2 In exceptional circumstances, the Procuring agency may solicit the

Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing. The bid security shall also be suitably extended as per Rule-38 of SPP Rules, 2010 (updated 2017). A Bidder may refuse the request without forfeiting its bid security. A Bidder granting the request will not be required nor permitted to modify its bid.

11. Format and Signing of Bid

11.1 The Bidder shall prepare an original and the number of copies of the bid indicated in the Bid Data Sheet, clearly marking each "ORIGINAL BID" and "COPY OF BID," as appropriate. In the event of any discrepancy between them, the original shall govern.

11.2 The original and the copy or copies of the bid shall be typed or written in indelible ink and shall be signed by the Bidder or a person or persons duly authorized to bind the Bidder to the contract. All pages of the bid, except for un-amended printed literature, shall be initialed by the person or persons signing the bid.

11.3 Any interlineations, erasures, or overwriting shall be valid only if they are initialed by the person or persons signing the bid.

Submission of Bids

12. Sealing and Marking of Bids

12.1 The Bidder shall seal the original and each copy of the bid in separate envelopes, duly marking the envelopes as “ORIGINAL BID” and ONE COPY. The envelopes shall then be sealed in an outer envelope. The inner and outer envelopes shall be addressed to the Procuring agency at the address given in the BDS, and carry statement “DO NOT OPEN BEFORE 11:00 A.M. on 13-06-2017.

12.2 If the outer envelope is not sealed and marked as required, the Procuring agency shall assume no responsibility for the bid’s misplacement or premature opening.

13. Deadline for Submission of Bids

13.1 Bids must be received by the Procuring agency at the address specified in BDS, not later than the time and date specified in the Bid Data Sheet.

13.2 The Procuring agency may, at its discretion, extend this deadline for the submission of bids by amending the bidding documents. in such case all rights and obligations of the Procuring agency and bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

14. Late Bids

Any bid received by the Procuring agency after the deadline for submission of bids prescribed by the Procuring agency shall be rejected and returned unopened to the Bidder.

15. Modification and Withdrawal of Bids

15.1 The Bidder may modify or withdraw its bid after the bid’s submission, provided that written notice of the modification, including substitution or withdrawal of the bids, is received by the Procuring agency prior to the deadline prescribed for submission of bids.

15.2 No bid may be modified after the deadline for submission of bids.

15.3 No bid may be withdrawn in the interval between the deadline for submission of bids and the expiry of the period of bid validity Withdrawal of a bid during this interval may result in the Bidder’s forfeiture of its bid security.

Opening and Evaluation of Bids

16. Opening of Bids by the Procuring agency

16.1 The Procuring agency shall open all bids in the presence of bidders' representatives who choose to attend, at the time, on the date, and at the place specified in the Bid Data Sheet. The bidders' representatives who are present shall sign a register/attendance sheet evidencing their attendance.

16.2 The bidders' names, bid modifications or withdrawals, bid prices, discounts, and the presence or absence of requisite bid security and such other details as the Procuring agency may consider appropriate, will be announced at the opening.

17. Clarification of Bids

During evaluation of the bids, the Procuring agency may ask the Bidder for a clarification of its bid. The request for clarification and the response shall be in writing, and no change in the prices or substance of the bid shall be sought, offered, or permitted.

18. Preliminary Examination

18.1 The Procuring agency shall examine the bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the bids are generally in order.

18.2 Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the total price shall be corrected. If the Supplier does not accept the correction of the errors, its bid will be rejected, and its bid security may be forfeited. If there is a discrepancy between words and figures, the amount in words will prevail.

18.3 Prior to the detailed evaluation, the Procuring agency will determine the substantial responsiveness of each bid to the bidding documents. A substantially responsive bid is one which conforms to all the terms and conditions of the bidding documents without material deviations. Procuring agency's determination of a bid's responsiveness is to be based on the contents of the bid itself.

18.4 If a bid is not substantially responsive, it will be rejected by the Procuring agency and may not subsequently be made responsive by the Bidder by correction of the nonconformity.

19. Evaluation and Comparison of Bids

19.1 The Procuring agency will evaluate and compare the bids which have been determined to be substantially responsive.

19.2 The Procuring agency's evaluation of a bid will be on delivery to consignee's end inclusive of all taxes, stamps, duties, levies, fees and installation and integration charges imposed till the delivery location.

20. Contacting the Procuring agency

20.1 No Bidder shall contact the Procuring agency on any matter relating to its bid, from the time of the bid opening to the time of announcement of Bid Evaluation Report. If the Bidder wishes to bring additional information to the notice of the Procuring agency, it should do so in writing.

20.2 Any effort by a Bidder to influence the Procuring agency in its decisions on bid evaluation, bid comparison, or contract award may result in the rejection of the Bidder's bid.

Award of Contract

21. Post-qualification

21.1 In the absence of prequalification, the Procuring agency may determine to its satisfaction whether that selected Bidder having submitted the lowest evaluated responsive bid is qualified to perform the contract satisfactorily.

21.2 The determination will take into account the Bidder's financial and technical capabilities. It will be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB Clause 7 as well as such other information as the Procuring agency deems necessary and appropriate.

21.3 An affirmative determination will be a prerequisite for award of the contract to the Bidder. A negative determination will result in rejection of the Bidder's bid, in which event the Procuring agency will proceed to the next lowest evaluated bid to make a similar determination of that Bidder's capabilities to perform satisfactorily.

22. Award Criteria

The Procuring agency will award the contract to the successful Bidder whose bid has been determined to be substantially responsive and has been determined to be the lowest evaluated bid, provided further that the Bidder is determined to be qualified to perform the contract satisfactorily.

23. Procuring agency's Right to Accept any Bid and to Reject any or All Bids

23.1 Subject to relevant provisions of SPP Rules 2010 (updated 2017), the Procuring agency reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award.

23.2. Pursuant to Rule 45 of SPP Rules 2010 (updated 2017), Procuring agency shall hoist the evaluation report on Authority's web site, and intimate to all the bidders seven days prior to notify the award of contract.

24. Notification of Award

24.1 Prior to the expiration of the period of bid validity, the Procuring agency shall notify the successful Bidder in writing, that its bid has been accepted.

24.2 Upon the successful Bidder's furnishing of the performance security pursuant to ITB Clause 26, the Procuring agency will promptly notify each unsuccessful Bidder and will release their bid security.

25. Signing of Contract

25.1 At the same time as the Procuring agency notifies the successful Bidder that its bid has been accepted, the Procuring agency will send the Bidder the Contract Form provided in the bidding documents, incorporating all agreements between the parties.

25.2 Within the period specified in BDS, of receipt of the Contract Form, the successful Bidder shall sign and date the contract and return it to the Procuring agency.

26. Performance Security

26.1 Within the period specified in BDS, of the receipt of notification of award from the Procuring agency, the successful Bidder shall furnish the performance security in accordance with the Conditions of Contract, in the Performance Security Form provided in the bidding documents, or in another form acceptable to the Procuring agency.

26.2 Failure of the successful Bidder to comply with the requirement of ITB Clause 25 shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security, in which event the Procuring agency may make the award to the next lowest evaluated Bidder or call for new bids.

27. Corrupt or Fraudulent Practices

27.1 The Government of Sindh requires that Procuring agency's (including beneficiaries of donor agencies' loans), as well as Bidders/Suppliers/Contractors under Government-financed contracts, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, the SPPRA, in accordance with the SPP Act, 2009 and Rules made there under:

(a) **"Corrupt and Fraudulent Practices"** means either one or any combination of the practices given below;

a. "**Coercive Practice**" means any impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence the actions of a party to achieve a wrongful gain or to cause a wrongful loss to another party;

b. "**Collusive Practice**" means any arrangement between two or more parties to the procurement process or contract execution, designed to achieve with or without the knowledge of the procuring agency to establish prices at artificial, noncompetitive levels for any wrongful gain;

c. **“Corrupt Practice”** means the offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence the acts of another party for wrongful gain;

d. “**Fraudulent Practice”** means any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;

(b) **“Obstructive Practice”** means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in a procurement process, or affect the execution of a contract or deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements before investigators in order to materially impede an investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation, or acts intended to materially impede the exercise of inspection and audit rights provided for under the Rules.

Bid Data Sheet

The following specific data for Equipment to be procured shall complement, supplement, or amend the provisions in the Instructions to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

Introduction	
ITB 1	**Name and address of Procuring Agency:** International Center for Chemical and Biological Sciences, University of Karachi Karachi-75270.
ITB 1	**Name of Contract.** *Purchase of COMPUTER NETWORKING EQUIPMENT for the Center.*
Bid Price and Currency	
ITB 4	Prices quoted by the Bidder shall be ***"fixed" and in FOR prices".***
Preparation and Submission of Bids	
ITSB 19	*Qualification requirements:* 1. Complete Company profile 2. Valid Registration with tax authorities is required 3. Relevant experience at least Six (06) Months. 4. Rs. 100,000.00 Turn-over of at least last three years
ITB 7	**Amount of bid security.** 2 % of Bid
ITB 8	**Bid validity period**. 90 days
ITB-9	**Performance Guarantee** 5% of the P.O. Value
ITB 10	**Number of copies.** One original One copy
ITB 11	

ITB 19.1	**Deadline for bid submission**. 13-06-2017 at 10:30 a.m.
ITB 20	**Bid Evaluation:** Lowest evaluated bid
	Under following conditions, Bid will be rejected: 1. Conditional and Telegraphic tenders/bids; 2. Bids not accompanied by bid security (Earnest Money); 3. Bids received after specified date and time; 4. Bidder submitting any false information; 5. Black Listed Firms by Sindh Government or any Entity of it

Summary Sheet

TENDER NOTICE NO. ICCBS/HEJ/PRF_9757/CMP-130617.

The tender will liable to be rejected, if this form will not accompany the tender bid / quote

Serial No. with Item's Name	**Make & Country of Origin**	**Model No. / CAT No.**	**Bid Value**	**Foreign Currency** (If applicable)	**Conversion Rate** (If applicable)	**Price in PKR**
1. **FIREWALL NGFW FORTIGATE -500D WITH UTM BUNDLE or EQUIVALENT**						
2. COMMUNICATION RACK HARNESSING						
3. WIFI, HOTSPOT DEPLOYMENT						

Total Bid Value in PKR		
Earnest Money @ ____% in PKR		
Pay Order/Demand Draft No:		Date:
Signature :	Seal :	

SCHEDULE OF REQUIREMENTS

S. No.	Description of service / goods	Quantity	Required Delivery Schedule in Days from the Date of Contract Award	Location
1	**FIREWALL NGFW FORTIGATE -500D WITH UTM BUNDLE or EQUIVALENT**	01	05 weeks on FOR orders	I.C.C.B.S., Karachi
2.	**COMMUNICATION RACK HARNESSING**	02	05 weeks on FOR orders	I.C.C.B.S., Karachi
3.	**WIFI, HOTSPOT DEPLOYMENT**	01	05 weeks on FOR orders	I.C.C.B.S., Karachi

Sample Forms

Date: ________________________

To:

International Center for Chemical and Biological Sciences
University of Karachi,
Karachi-75270.

Dear Sir:

Having examined the bidding documents, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to develop and deliver the required system in conformity with the said bidding documents for the sum of *[total bid amount in words and figures]* or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this Bid.

We undertake, if our Bid is accepted, to develop the system in accordance with the delivery schedule specified in the Schedule of Requirements.

If our Bid is accepted, we will obtain the guarantee of a bank in a sum equivalent to **Five (5) percent** of the Contract Price/Pay order for the due performance of the Contract, in the form prescribed by the Purchaser.

We agree to abide by this Bid for a period of 90days from the date fixed for Bid opening under Clause 16 of the Instructions to Bidders, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us.

We understand that you are not bound to accept the lowest or any bid you may receive.

Dated this _________________ day of _________________ 2017______________________

__________________________________ ____

[signature] *[in the capacity of]*

Duly authorized to sign Bid for and on behalf of ____

To: *[name of Procuring agency]*

WHEREAS *[name of Supplier]* (hereinafter called “the Supplier”) has undertaken, in pursuance of Contract No. *[reference number of the contract]* dated ____________ 2017 to deploy *[description of goods and services] (*hereinafter called “the Contract”).

AND WHEREAS it has been stipulated by you in the said Contract that the Supplier shall furnish you with a bank guarantee by a reputable bank for the sum specified therein as security for compliance with the Supplier’s performance obligations in accordance with the Contract.

AND WHEREAS we have agreed to give the Supplier a guarantee:

THEREFORE WE hereby affirm that we are Guarantors and responsible to you, on behalf of the Supplier, up to a total of *[amount of the guarantee in words and figures]*, and we undertake to pay you, upon your first written demand declaring the Supplier to be in default under the Contract and without cavil or argument, any sum or sums within the limits of *[amount of guarantee]* as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until the _____ day of __________2017__________________

Signature and seal of the Guarantors

____

[name of bank or financial institution]

____

[address]

____

[date]