



### TENDER

The Bank of Khyber invites two separate sealed envelopes, One for Technical Proposal and One for Financial proposal of the following branded items as per the following specifications:

| Lot: 1 - Routers |                |         |  |
|------------------|----------------|---------|--|
|                  | Specifications | Details |  |

**QUANTITY : 40**

| S.NO | Requirement   | Yes | No |
|------|---|-----|----|
|      | The proposed product should support :   |     |    |
| 1    | At-least 8 x 1G Copper RJ45 Interfaces  |     |    |
| 2    | High Availability in Active/ Active, Active/Passive and Cluster   |     |    |
| 3    | Any port of any type to be used as High Availability monitoring port  |     |    |
| 4    | Firewall throughput of at-least 2.7Gbps   |     |    |
| 5    | IPSEC VPN Throughput of at-least 1.8Gbps  |     |    |
| 6    | Minimum concurrent sessions of 1.2 Millions   |     |    |
| 7    | Minimum New Sessions/Second TCP of 28,000   |     |    |
| 8    | SSL Inspection Throughout of at-least 160 Mbps  |     |    |
| 9    | Application Aware controlling of at-least 600 Mbps  |     |    |
| 10   | Threat Protection Throughput of 180 Mbps  |     |    |
| 11   | Working as a Wireless Controller  |     |    |
| 12   | 2-Factor authentication (on-device) for administrator login   |     |    |
| 13   | To be managed from On-Premises Management solution  |     |    |
| 14   | To be managed from Cloud Management Solution without additional cost & license  |     |    |
| 15   | The proposed product should support SSH/TELNET/HTTP/HTTPS for remote management of the device   |     |    |
| 16   | Stateful session maintenance for traffic including VPN traffic in the event of a fail-over to a standby unit.   |     |    |
| 17   | High Availability feature must be supported for either NAT/Route, Transparent or hybrid mode while running both NAT/Route and Transparent configurations simultaneously |     |    |
| 18   | More than two heartbeat links, any of the interfaces must be configurable as a heartbeat interface.   |     |    |
| 19   | VLAN & PPPoE based interfaces along with Interface based Zoning   |     |    |
| 20   | IPv4 and IPv6   |     |    |
| 21   | Link Load Balancer without any addition of hardware or license  |     |    |
| 22   | Inbuilt 2 factor authentication services without the need of a third-party server and database using tokens (Either Hardware or Software)                               |     |    |
| 23   | SSL Encryption, Decryption and Re-Encryption on the same device itself without any additional hardware.   |     |    |
| 24   | RESTFul API   |     |    |
| 25   | Security inspection inside dedicated processor.   |     |    |
| 26   | Integration with Microsoft Active Directory/Radius Server/TACACS+   |     |    |

|    |   |  |  |
|----|---|--|--|
|    | Server  |  |  |
| 27 | Single-Sign-On through Active Directory Polling Mechanism   |  |  |
| 28 | Single-Sign-On through Single Sign On agent providing a buffer zone between the Firewall and Authentication Database                                  |  |  |
| 29 | User and device based Security policies   |  |  |
| 30 | Data Leak Prevention & Internal Server Load Balancer without any addition of external hardware  |  |  |
| 31 | Traffic shapping based on Username, IP address, Applications, Source Addresses, Destination addresses, URL Category in Inbound and Outbound Direction |  |  |
| 32 | Remote logging  |  |  |
| 33 | SYSLOG logging to at-least 3 syslog servers with Log Format in Default Syslog, CSV (Comma Separated Values), CEF (Common Event Format)                |  |  |
| 34 | Dynamic Routing protocol (RIP-V1, RIP-V2, OSPF, BGP, ISIS, RIPng, OSPFv3), Static Routing and Policy Based Routing                                    |  |  |
| 35 | The proposed product latency should not exceed from 3 $\mu$ s   |  |  |
| 36 | The Vendor of proposed product should be in MQ Leader Quadrant of UTM Firewalls   |  |  |
| 37 | Flow mode & Proxy Mode based traffic flow & Inspection  |  |  |
| 38 | ICAP protocol   |  |  |
| 39 | The Vendor of proposed product should be in MQ Leader Quadrant of Enterprise Firewalls  |  |  |
| 40 | Remote access VPN Client with functionality of IPSEC and SSL VPN simultaneously   |  |  |
| 41 | Remote Access Client VPN for IPSEC/SSL VPN should not add any cost or additional license for VPN Connectivity   |  |  |
| 42 | logical isolation of device with at-least 10 Logical devices  |  |  |
| 43 | Not be more the 2-Rack-Unit   |  |  |
| 44 | Hardware accelerated IPSEC (DES, 3DES, AES128, AES192, AES256) encryption/decryption  |  |  |
| 45 | The proposed product should support DH Groups 1,2,5,14,15-21  |  |  |
| 46 | The proposed product should support IPSEC (SHA1, SHA256, SHA384, SHA512) hashing algorithms   |  |  |
| 47 | Of accommodating multiple Proxy-IDs in an IPSEC VPN Site to Site VPN  |  |  |
| 48 | NAT traversal   |  |  |
| 49 | Hub and Spoke Site to Site IPSEC VPN architecture   |  |  |
| 50 | DDNS & Split DNS support  |  |  |
| 51 | The system shall provide IPv6 IPsec feature to support for secure IPv6 traffic in an IPsec VPN.   |  |  |
| 52 | Proxy Based AV Inspection as well as Flow Based AV Inspection   |  |  |
| 53 | Tprotection to communication with Malicious IP/Domain/Botnets   |  |  |
| 54 | Integrated Web Content Filtering solution without external solution, devices or hardware modules.   |  |  |
| 55 | To enable or disable Web Filtering per firewall policy or based on firewall authenticated user groups for both HTTP and HTTPS traffic.                |  |  |
| 56 | NetFlow and Sflow   |  |  |
| 57 | SNMP v1/v2c and SNMP v3   |  |  |

|    |   |  |  |
|----|---|--|--|
| 58 | Network Time Protocol   |  |  |
| 59 | Explicit Forward Web Proxy  |  |  |
| 60 | For 8x5 Return to Factory Support for 1 Year ( <b>Mandatory</b> ) |  |  |

**Note:-**

The successful bidder will provide **Onsite**, 05 days professional training for administration of proposed product.

Trainer's travelling, boarding, lodging and any other relevant expanses should be covered by the successful bidder.

**LOT: 2 - WEB APPLICATION FIREWALL**

Technical Specifications for the Web Application Firewall device (Bidder's proposal should strictly conform to the following technical specifications)

*Note: Bidders should carry out their own investigation to capture any additional information required for licensing and sizing for the proposed solution.*

| No.       | Requirements   | Compliance (Yes/No/Partial) | Remarks |
|-----------|--|-----------------------------|---------|
| <b>1.</b> | <b>Web Application Firewall Specs</b>  |                             |         |
| 1.1.      | The proposed solution MUST be Hardware based   |                             |         |
| 1.2.      | Support both a positive security model and a negative security model, or similar terminology<br><i>Refer to Note # <sup>(1)</sup></i>  |                             |         |
| 1.3.      | MUST inspect HTTP, HTTPS, & FTP to prevent attacks   |                             |         |
| 1.4.      | Provide Protection against OWASP Top Ten   |                             |         |
| 1.5.      | MUST be PCI/DSS compliant  |                             |         |
| 1.6.      | Support flexible deployment options (please mention)   |                             |         |
| 1.7.      | MUST support SSL offloading  |                             |         |
| 1.8.      | MUST prevent access by unauthorized IP(s) and subnets  |                             |         |
| 1.9.      | Out of the box, The WAF should have a database of signatures, designed to detect known problems and attacks  |                             |         |
| 1.10.     | Support automatic updates to the signature database, ensuring complete protection against the latest application threats.  |                             |         |
| 1.11.     | Ability to correlate multiple security events together to accurately distinguish between good and bad traffic  |                             |         |
| 1.12.     | Supports custom security rules, Administrators should be able to define rules for the positive or negative security model and to create correlation rules with multiple criteria |                             |         |

|           |   |  |  |
|-----------|---|--|--|
| 1.13.     | MUST address most of the Open Web Application Security Project (OWASP) Top Ten  |  |  |
| 1.14.     | Should have Reputational Base Service which can provides a near- real time live feed of the following known attack sources:-  |  |  |
| 1.15.     | <ul style="list-style-type: none"> <li>▪ Malicious IPs</li> </ul>   |  |  |
| 1.16.     | <ul style="list-style-type: none"> <li>▪ Phishing URLs</li> </ul>   |  |  |
| 1.17.     | <ul style="list-style-type: none"> <li>▪ Anonymous Proxies</li> </ul>   |  |  |
| 1.18.     | <ul style="list-style-type: none"> <li>▪ Tor IPs</li> </ul>   |  |  |
| 1.19.     | Should have "anti-automation" protection, which can block the automated attacks using hacking tools, scripts, framework etc   |  |  |
| <b>2.</b> | <b>Management and Reporting</b>   |  |  |
| 2.1.      | MUST Inspect and monitor all HTTP data and the application level including HTTP headers, form fields, and the HTTP body   |  |  |
| 2.2.      | Support proper reporting and logging facilities   |  |  |
| 2.3.      | Report events via standard mechanisms, for example, to a sys log or SNMP server or a SIEM solution  |  |  |
| 2.4.      | Customized logging levels and filters   |  |  |
| 2.5.      | Generates custom or pre-defined graphical reports   |  |  |
| 2.6.      | High-level dashboard of system status and Web activity  |  |  |
| 2.7.      | Ability to integrate with proposed DB Security  |  |  |
| 2.8.      | Ability to share threat logs with proposed DB to provide end-end threat visibility  |  |  |
| 2.9.      | Ability to integrate with standard Security Event Management tools and system   |  |  |
| 2.10.     | <ol style="list-style-type: none"> <li>1. The solution should be able to locally store event (audit) information.</li> <li>2. The solution should be able to locally store alert information.</li> <li>3. The solution should be able to locally store traffic information.</li> <li>4. The solution should be able to send all log types above to an external sys log server.</li> <li>5. The alert information should contain at least the following information:</li> <li>6. Source to Destination connection information</li> <li>7.. Extensive packet header information</li> <li>8. Raw and Hex body presentation for POST parameters</li> <li>9. Full Parameter view</li> <li>10. Highlighting the attack in the attack log</li> <li>11. With cookie alerts show the alerted cookie and changed values</li> <li>12. The solution should aggregate logging per day and per attack type</li> <li>13. The log should show both original encoding</li> </ol> |  |  |

|           |  |  |  |
|-----------|--|--|--|
|           | <p>and decoded values for analysis</p> <p>14. Log should be able to provide top attacks, top source and countries of attacks in GUI</p> <p>15. Should be able to create customized reports</p> <p>16. Should be able to provide PCI DSS compliance and reporting</p> <p>17. Should be able to group incidents with violation correlation</p> <p>18. The solution should have a dashboard for data analytics in which you can see:</p> <p>19. Attacks per Country</p> <p>20. Hits per Country</p> <p>21. Data per Country</p> <p>22. Exportable to PDF</p> <p>23. Clickable view of the various attacks per website</p> <p>24. Zoom-able world map with color coding of attacks</p> <p>25. The solution should have a view of all blocked IP addresses and the blocked time period.</p> <p>26. From the above view it should be possible to release the blocked IP addresses.</p> |  |  |
| 2.11.     | Solution must support on-board Anti-Virus without any additional software/hardware/third-party Anti-Virus  |  |  |
| 2.12.     | <p>The Device must support Following deployment modes</p> <ul style="list-style-type: none"> <li>• Reverse Proxy</li> <li>• Offline Protection</li> <li>• Transparent Proxy/Inspection</li> <li>• WCCP</li> </ul>  |  |  |
| 2.13.     | The device must support Policy-Based Routing   |  |  |
| 2.14.     | The device should support protection from DDoS.  |  |  |
| 2.15.     | The device should support Anti-Defacement.   |  |  |
| 2.16.     | The device should support load balancing based on Round-Robin, Weighted Round-Robin and Least Connection.  |  |  |
| 2.17.     | The solution should be capable of supporting persistency features like, Persistent IP, Persistent Cookies, Insert Cookies.   |  |  |
| <b>3.</b> | <b>Administration &amp; Authentication</b>   |  |  |
| 3.1.      | Support web-based and CLI-based access methods   |  |  |
| 3.2.      | The solution should support role-based access control  |  |  |
| 3.3.      | The Solution MUST support SNMP V2c V3  |  |  |
| 3.4.      | The solution MUST support policy based authentication and authorization  |  |  |
| 3.5.      | Out-of- band management port   |  |  |

|           |   |  |  |
|-----------|---|--|--|
|           |   |  |  |
| 3.6.      | Out-of- band management port  |  |  |
| <b>4.</b> | <b>Vulnerability Assessment and Management</b>  |  |  |
| 4.1.      | WAF should provide a Vulnerability Assessment and provide a detailed Assessment Report for the monitored WEB Application(s) |  |  |
| 4.2.      | Ability to measure compliance with industry standards and regulations   |  |  |
| <b>5.</b> | <b>Hardware Requirement</b>   |  |  |
| 5.1.      | System Throughput – 1Gbps HTTP & 500Mbps HTTPS  |  |  |
|           | SSL/TLS Processing must be performed in Hardware/ASIC   |  |  |
| 5.2       | HTTP transactions per second : 40,000 minimum<br>HTTPS transaction per second : 20,000 minimum                              |  |  |
| 5.3       | HTTP Concurrent Connections: 125000<br>HTTPS Concurrent Connections: 85000  |  |  |
| 5.3       | Storage: 3TB Minimum  |  |  |
| 5.4       | RAM Minimum 8 Gb  |  |  |
| 5.4       | Application Licenses: Unlimited   |  |  |
| 5.5       | High Availability: Active/Passive, Active/Active, Clustering  |  |  |
| 5.6       | Support of 10/100/1000 Interface 6 x 1G Copper RJ-45.   |  |  |
| 5.7       | Support of SFP GE (Optical) x 2   |  |  |
| 5.8       | Power Supply: DUAL + HOT SWAPPABLE  |  |  |

### Web Application Firewall (WAF) Notes:

#### (1) WAF Security Models

##### a. Negative Security Model:

- i. Explicitly defines known attack signatures, transactions with content matching known attack signatures are blocked, everything else is allowed
- ii. Includes a pre- configured comprehensive and accurate list of attack signatures.
- iii. Ability to modify or add Signatures by the administrator
- iv. Ability to detect known attacks at multiple levels, including operating system, Web server software and application-level attacks.
  1. Cross site scripting (XSS)
  2. Layer 4 & Layer 7 DoS and DDoS
  3. SQL Injection
  4. SQL LDAP and XPath Injections
  5. Generic Attacks
  6. Brute Force
  7. Trojans
  8. Known Exploits

9. Information Disclosure
10. Form Field Parameter Tampering and HPP tampering
11. Session high jacking
12. Cookie manipulation and poisoning
13. Buffer Overflows
14. Bad Robot
15. Credit Card Detection
16. Protection against known database and Web server

vulnerabilities

17. Forceful browsing
18. Broken access control
19. Request smuggling

- v. Ability to detect known malicious users who are often responsible for automated and botnet attacks. Malicious users may include malicious IP addresses, anonymous proxy addresses, and TOR networks.

**b. Positive Security Model:**

- i. Explicitly states what input is allowed; everything else is blocked
- ii. Includes URLs, directories, cookies, form fields and parameters, and HTTP methods.
- iii. Ability to learn the Web Application structure and elements.
- iv. In learning mode: WAF should be able to be used for a period with a trusted set of users, and user input to various fields of the Web application is recorded, and should be able to recognize application changes while simultaneously protecting Web applications.
- v. Based on the recording of this input, the acceptable values for input fields are learned.
- vi. The learned values are used as the configuration for input checking in the positive security model.
- vii. Ability to learn the structure and elements of the application (directories, URLs, parameters, cookies) Ability to learn expected the behavior from the user (i.e. expected value length, acceptable characters, whether the parameter value is read only or editable by the client and whether the parameter is required or optional).
- viii. Ability to access and modify the learned configurations by an administrator.

**ix. Quantity** **01**

**Note:-**

**The successful bidder will provide 02 x OEM & 05 Days International professional classroom training for administration of proposed product.**

**BOK IT Personnel's travelling, boarding, lodging, commute and any other relevant expenses should be covered by the successful bidder.**

**LOT 3 NEXT GENERATION FIREWALL (Core)**

Technical Specifications for the Next Generation Firewall devices (Bidder's proposal should strictly confirm to the following technical specifications)

*Note: Bidders should carry out their own investigation to capture any additional information required for licensing and sizing for the proposed solution.*

| No.       | Requirements  | Compliance (Yes/No/Partial) | Remarks |
|-----------|---|-----------------------------|---------|
| <b>5.</b> | <b>Next Generation Firewall Specs</b>   |                             |         |
| 5.1.      | IPv4 Firewall throughput 30 Gbps or higher  |                             |         |
| 5.2.      | Firewall throughput (Packet per second 45Mbps or Higher)  |                             |         |
| 5.3.      | Concurrent Sessions (TCP) 10 Million or above   |                             |         |
| 5.4.      | New Sessions per second (TCP) 250,000 to 280,000  |                             |         |
| 5.5.      | IPsec VPN throughput 22 Gbps or Higher  |                             |         |
| 5.6.      | SSL-VPN Throughput 3.5 Gbps or Higher   |                             |         |
| 5.7.      | Must Have Explicit Proxy feature having Web Filter, Application Control, Port Blocking, and Antivirus Scanning.           |                             |         |
| 5.8.      | IPS Throughput Minimum 4 Gbps   |                             |         |
| 5.9.      | Application Control Throughput 8 Gbps or Higher   |                             |         |
| 5.10.     | NGFW Throughput Minimum 5 Gbps  |                             |         |
| 5.11.     | Support automatic updates to the signature database, ensuring complete protection against the latest application threats. |                             |         |

**Hardware Requirement**

|                    |            |
|--------------------|------------|
| GE RJ45 Interfaces | 16         |
| GE SFP Slots       | Minimum 10 |
| Console Port       | 1          |
| Internal Storage   | 250 GB     |

**1 Year Software license and operational support for the following:-**

1. Antivirus.
2. Application Control.
3. Web filtering.
4. Data Leak Prevention.
5. Anti spam.
6. Intrusion Prevention System.

**7. Quantity** **01**

**Note:-**

**The successful bidder will provide 02 x OEM & 05 Days International professional classroom training for administration of proposed product.**

**BOK IT Personnel's travelling, boarding, lodging, commute and any other relevant expenses should be covered by the successful bidder.**



## Lot: 4 – Video Conferencing

| Specifications |                        | Details  | Compliance<br>YES/NO |
|----------------|------------------------|--|----------------------|
| SR.            | ITEM                   | DISCRIPTION  |                      |
| 1              | Video Resolution       | Full HD (1080p 30fps) VC solution slide/desktop sharing  |                      |
| 2              | Product Type Approval  | Mandatory - Pakistan Telecommunication Authority   |                      |
| 3              | Communication          | H.323 and SIP Standards  |                      |
|                |                        | Connect with Skype, Google Hangout, Skype for business, and Microsoft Lync.  |                      |
|                |                        | Connectivity with existing system  |                      |
|                |                        | 64kbps-4mbps   |                      |
|                |                        | RJ45 Network LAN (10/100/1000)   |                      |
|                |                        | Manual bandwidth setting   |                      |
| 4              | Camera                 | 9X Optical zoom or better  |                      |
| 5              | Multipoint             | Multipoint – 03 sites  |                      |
| 6              | PSTN Call              | Any Mobile or Landline user.   |                      |
| 7              | Meeting Recording      | One touch recording.   |                      |
| 8              | Video Resolutions      | HD1080P (1920 x 1080) at 30fps   |                      |
| 9              | Video Standards        | H.264 HP, H.264 SVC, H.264, H.263+, H.263, H.261   |                      |
|                |                        | H.239 dual video streams   |                      |
| 10             | Video Inputs           | Camera or equivalent   |                      |
|                |                        | VGA/HDMI   |                      |
| 11             | Video Output           | HDMI X 2   |                      |
| 12             | Audio Standards        | G.711, G.722, G.722.1, G.728, G.722.1C   |                      |
| 13             | Audio Features         | Automatic gain control (AGC)   |                      |
|                |                        | Advance noise reduction  |                      |
|                |                        | Acoustic echo cancellation (AEC)   |                      |
| 14             | Audio Input and Output | Audio Input  |                      |
|                |                        | Audio Output   |                      |
|                |                        | HDMI   |                      |
| 15             | User Interface         | Multiple layout styles   |                      |
|                |                        | User-friendly OSD  |                      |
|                |                        | Display / edit site name   |                      |
| 16             | Networks               | 10/100/1000Mbps  |                      |
|                |                        | NAT/firewall traversal   |                      |
|                |                        | High Efficiency Lost Packet Recovery   |                      |
|                |                        | API support via Telnet   |                      |
| 17             | Security               | AES (Advanced Encryption Standard) function (128-bit) and Password protection for system settings and for remote system management |                      |
| 18             | Web management tool    | Remote management through the web  |                      |
|                |                        | Live monitoring via the web  |                      |
|                |                        | Firmware update via Ethernet/Internet  |                      |
|                |                        | Phonebook download/upload/edit   |                      |
|                |                        | Restore system settings  |                      |

|    |                      |  |  |
|----|----------------------|--|--|
| 19 | Value-added features | Meeting recording  |  |
|    |                      | In meeting and offline recording                           |  |
|    |                      | Save directly to USB flash drive                           |  |
|    |                      | Supports screen re-layout during playback                  |  |
| 20 | Warranty             | One Year Comprehensive Warranty                            |  |
| 21 | Document             | Import documentation<br>Letter from Manufacture/ Principle |  |

### Installation and Provision of Video Conferencing Equipment

| S # | Equipment  | Qty. |
|-----|--|------|
| A   | <b>Conference Room VC solution (Head Office)</b><br>Full HD Video conferencing solution with Slide/ Desktop Sharing. | 02   |
| B   | <b>Cabling and Installation</b><br>Complete cabling Installation and configuration of Video Conferencing equipment.  | 02   |

### Lot 5 : Renewal of Licenses of IDS/IPS

| Specifications   | Details   | Qty |
|--|---|-----|
| Annual renewal and maintenance support of IDS/IPS Licenses (Intrusion Detection System / Intrusion Prevention System). | IBM Security Network Protection XGS3100 - Primary Appliance                   | 1   |
|  | IBM Security Network Protection XGS3100 - I.P Reputation Primary Appliance    | 1   |
|  | IBM Security Network Protection XGS3100 - Application / Web Control Updates – | 1   |
|  | IBM Security Network Protection XGS3100 - SSL Inspection –                    | 1   |

**Lot 6 : Renewal of Licenses of Network Monitoring Software**

**Specifications**

**Details**

**Qty**

|   |                                     |   |
|---|-------------------------------------|---|
| Annual renewal and maintenance support of       | Net -Work Performance Monitor SL500 | 1 |
| Solarwind Network Monitoring Software Licenses. | Network Configuration ManagerDL500  | 1 |
|   | Net Flow Traffic Analyzer SL500     | 1 |
|   | Log & Event ManagerLEM30            | 1 |
|   | Web Performance Monitor             | 1 |
|   | Server & Application Monitor        | 1 |
|   | Patch Manager PM250                 | 1 |
|   | Secure Managed File Transfer Server | 5 |
|   | Secure FTP Server                   | 2 |
|   | Device Tracker U2500                |   |

## **TERMS & CONDITIONS**

1. The Procurement shall be conducted in accordance with the Khyber Pakhtunkhwa Procurement Rules 2014 on **Single Stage Two Envelope Procedure**.
2. The Bank of Khyber invites two separate sealed envelopes, One for Technical Proposal and One for Financial proposal from TR1 partner for the supply and delivery of the Routers, Web Application Firewall, Next Generation Firewall, Video Conferencing System, Renewal of Licenses for IDS\IPS and Renewal of Licenses for Network Monitoring Software.
3. The bidder can apply for the whole Tender or for any one specific **LOT** as per his expertise.
4. The Technical bid should clearly mention Make, Model and Brand, (Specification of bid) without quoting the price and must mention the warranty period.
5. Company seal / stamp must be fixed on Technical Specification and Financial Proposal.
6. **If any firm fails to qualify the Technical Evaluation Criteria based upon Mandatory Requirements, then financial bid of the same will not be opened.**
7. **Mandatory Requirements are as follows:-**
  - a. The bidder should provide the item manufacture's **TR1** authorization certificate.
  - b. The bidder should provide **KPPRA/PPRA/SPPRA** registration Certificate with Technical Proposal.
  - c. The bidder should provide **FBR** registration certificate with Technical Proposal.
  - d. The bidder should provide an **undertaking** on stamp paper that it is not blacklisted by any of the Provincial / Federal Government or organization of the state / Federal Government in Pakistan.
  - e. The bidder must submit **Annual Audited Report** for the last three years.
  - f. The firm preferably has office in Peshawar and must submit a **List of Offices** across Pakistan.
  - g. The bidder shall give at least **Five Relevant References** (Purchase Order) of similar equipment delivery / installation by their firm.
  - h. The bidder shall have at least **Five Year Relevant Experience** for the supply of similar equipment.
  - i. **Call Deposit** of Two percent (2%) of the total bid amount must be attached with financial proposal in separate sealed envelope in favor of Head IT Division, The Bank of Khyber **on or before 10:00 AM, 12-12-2017.**
8. **Tender bid opening will be held on Tuesday, 12-12-2017 at 11:00AM at BOK I.T Division.**
9. **Any bid submitted after due date and time will not be entertained.**
10. The Bank of Khyber will not be responsible for any costs or expenses incurred by bidders in connection with the preparation or delivery of bids.
11. The prices quoted shall remain valid for **120 days**, after the date of opening the tender.
12. Delivery of all items must be made within **(6 – 8)** weeks of issuance of purchase order.
13. All prices quoted must be inclusive of all Taxes applicable, such as GST, Income Tax, etc.
14. Rate should be quoted in words and figures.
15. **In case of failure to supply the item under specified time. The work order should be awarded to second lowest.**
16. Failure to supply items within **(6 - 8)** weeks' time period will invoke. In addition to that, two percent (2%) Call Deposit (CDR) amount will be forfeited.
17. Bidders must submit at least one bid that matches or is better than the required specifications and are free to quote more options each clearly marked as option 1, option 2 in separate envelopes.
18. **No negotiations and revised bids will be allowed.**

**I T Division, Head Office**  
**The Bank of Khyber**  
4<sup>th</sup> Floor,  
State Life Building, Peshawar.  
Phone: 091-5279690, 091-5274399



**The Bank of Khyber**

### **Tender**

The Bank of Khyber invites two separate sealed envelopes, One for Technical Proposal and One for Financial proposal from TR1 partner for the supply and delivery of the following items:-

- 1) **Router**
- 2) **Web Application Firewall**
- 3) **Next Generation Firewall**
- 4) **Video Conferencing System**
- 5) **Renewal of Licenses for IDS\IPS**
- 6) **Renewal of Licenses for Network Monitoring Software**

The Procurement shall be conducted in accordance with the Khyber Pakhtunkhwa Procurement Rules 2014 on **Single Stage Two Envelope Procedure**.

**Terms and conditions for the above purchase equipment can be seen on website <http://www.bok.com.pk/downloads/>**

All bids must be accompanied by a call deposit of two percent (2%) of the total bid amount in favor of The Bank and must be delivered to the HEAD IT DIVISION, THE BANK of KHYBER on **12-12-2017 Tuesday at 10:00AM** and the opening timings is **11:00AM** on same day at **BOK I.T Division**.

*IT Division, Head office*  
**The Bank of Khyber**  
**4<sup>th</sup> Floor,**  
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