IBA Institute of Business Administration Karachi

Leadership and Ideas for Tomorrow

Purchase Order

IBA Karachi
IBA MAIN CAMPUS
KARACHI
Pakistan

Purchase Order		Issue Date	
IBA-0000003260		31, October, 2019	
Payment Terms			**Ship Via**
30 Days			ROAD
Buyer	**Phone**		**Currency**
Purchase Department	+922138104700 Ext 2150, 2152, 2112		PKR
Requestor Department			
ICT			

Supplier: V00337
Commtel
C-37, Block4, Clifton Karachi Pakistan
Karachi
Pakistan

Ship To: Store, IBA Main Campus, University Road
Bill To: Purchase Department, IBA Main Campus
University Road, Karachi
Pakistan

S. No.	Item / Description Specification	Qty. (UOM)	PO Price	Extended Amount	Delivery Date
1	FIREWALL NEXT GENERATION FIREWALL 3 YEAR PRODUCT WARRANTY AND SUPPORT INCLUDING ALL SOFTWARE LICENSES NEXT GENERATION FIREWALL CAPACITY DESCRIPTION FIREWALL THROUGHPUT 7 GBPS OR HIGHER FIREWALL THROUGHPUT 3.85GBPS OF COMBINED THROUGHPUT WHEN ENABLING ALL THE FOLLOWING NEXT GENERATION FIREWALL. FEATURES TOGETHER: APPLICATION CONTROL + IPS + ANTI-VIRUS (OR ANTI-MALWARE PROTECTION) + WEB + WAF (URL FILTERING) + FILE BLOCKING (OR DLP) THROUGHPUT NUMBERS MUST BE BASED ON REAL-WORLD DEPLOYMENT SCENARIO LICENSE FW, BANDWIDTH MANAGEMENT, URL FILTERING & APPLICATION CONTROL, IPS, EMAIL SECURITY, SANDBOXING, RISK ASSESSMENT, SECURITY VISIBILITY, BASIC SECURITY REPORTER, ANTI-MALWARE, ANTI-VIRUS NUMBER OF CONCURRENT SESSION 1.5 MILLION CONNECTIONS (TCP) NUMBER OF NEW SESSION PER SECOND 100,000 CONNECTIONS (TCP)	2.00 EA	2335883.00	4671766	30-Nov-19

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	INTERFACES CAPACITY: 6 X 1G ETHERNET INTERFACES OR HIGHER, SUPPORT 2 PAIRS OF BYPASS COPPER INTERFACES AND SUPPORT 2 X 1G SFP INTERFACES. SUPPORTS 10 OR HIGHER CONNECTION OF IPSEC VPN AND 30 OR HIGHER CONCURRENT USERS SSL VPN. ALL LICENSES FOR APPLICATION CONTROL, ANTI-VIRUS (ANTI-MALWARE), IPS, DATA LEAKAGE PROTECTION (DLP), WEB, WAF, (URL) FILTER AND ZERO-DAY MALWARE PROTECTION SUPPORT IPSEC TERMINATION/INITIATION WITH 1GBPS OR HIGHER THROUGHPUT CAN BE EXTRA HARDWARE SOLUTION OR MODULE WITHIN NEXT GENERATION FIREWALL NAT (STATIC, DIPP, SOURCE, AND DESTINATION) POLICY BASED FORWARDING (BASED ON SRC, DST, APP, URL..) QOS (MARKING AND TRAFFIC SHAPING) BASED ON APPLICATION AUTOMATIC POLICY ENFORCEMENT BASED ON DYNAMIC GROUPS ABILITY TO CONTROL TRAFFIC FROM/TO COUNTRIES (GEO-LOCATION CONTROL) MUST BE ABLE TO DEPLOY IN MULTIPLE NETWORK DEPLOYMENT MODES SIMULTANEOUSLY INCLUDING LAYER 2, LAYER 3 AND PASSIVE TRANSPARENT. MUST BE ABLE TO PERFORM SSL DECRYPTION INBOUND AND OUTBOUND FOR THREAT INSPECTION WITHOUT ADDITIONAL DEVICE. MUST BE ABLE TO SELECTIVELY IDENTIFY WHICH SSL TRAFFIC IS DECRYPTED TO ADDRESS PRIVACY CONCERNS SOLUTION SHOULD BE LEADER OR CHALLENGER IN THE MOST RECENT GARTNER ENTERPRISE NEXT GENERATION FIREWALL BLOCKS APPLICATION VULNERABILITIES ON ALL NGFW MODELS				

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	BLOCKS SPYWARE AND MALWARE ON ALL NGFW MODELS				
	BLOCK KNOWN NETWORK AND APPLICATION-LAYER VULNERABILITY EXPLOITS				
	BLOCK BUFFER OVERFLOW ATTACKS				
	BLOCK DOS/DDOS ATTACKS				
	ANTI-VIRUS MUST BE BASED ON VENDOR RECOMMENDATION FOR BEST SECURITY				
	BLOCK MALICIOUS DNS REQUEST				
	PROTECT AGAINST ZERO-DAY MALWARE AND ZERO-DAY EXPLOITS.				
	MUST SUPPORT FILE BLOCKING OR DLP				
	ANTI-BOTNET				
	MUST BE ABLE TO ANALYSES JAR, SWF, APK, EXE, PDF, DLL AND STANDARD OFFICE DOCUMENT FILES FOR ZERO-DAY THREATS				
	MUST BE ABLE TO DENY UNKNOWN TRAFFIC				
	WEB FILTERING MUST INTEGRATE WITH OTHER REQUIRED SECURITY (ZERO-DAY, ETC)				
	WEB FILTERING MUST SUPPORT CATEGORICAL URL DATABASE FUNCTIONALITY				
	WEB FILTERING MUST SUPPORT CREATING AND UPLOADING OF CUSTOM URL LISTS				
	WEB FILTERING MUST SUPPORT NOTIFYING USERS WHEN THEY VIOLATE URL POLICY				
	WEB FILTERING MUST SUPPORT RETRIEVING BLOCKED TRAFFIC AND REPORT ON IT.				
	WEB FILTERING MUST SUPPORT BLOCKING UNKNOWN URLS AS A POLICY				
	THE SOLUTION MUST PERMIT THE OPERATOR TO CREATE CUSTOM APPLICATION SIGNATURES.				
	PROTECT AGAINST USER CREDENTIAL THEFT VIA A FIREWALL POLICY				
	COMMAND-AND-CONTROL (C2) PROTECTION				
	INTEGRATE WITH MS AD, LDAP, RADIUS, AND CLIENT CERTIFICATION				
	SUPPORTS THE CREATION OF SECURITY POLICY BASED ON ACTIVE DIRECTORY USERS AND GROUPS IN ADDITION TO SOURCE/DESTINATION IP				

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	CAPTIVE PORTAL FOR UNAUTHENTICATED USERS SYSLOG RECEIVER TO READ USERNAME FROM ANY SYSLOG MESSAGE MUST BE ABLE TO MAP USERS TO IP ADDRESSES BY CAPTIVE PORTAL, MANUAL, ACTIVE DIRECTORY, MICROSOFT EXCHANGE AND SYSLOG INFORMATION STORES RECEIVE SYSLOG MESSAGE FROM IN AT LEAST 10 FORMATS SUPPORT HA DEPLOYMENT LINK AND PATH FAILURE MONITORING TO TRIGGER FAIL-OVER DEVICE MANAGEMENT VIA SSL, SSH, HTTP, AND TELNET SUPPORT API SYSLOG, SNMP, AND NETFLOW INTEGRATES WITH THIRD-PARTY SIEM VENDORS (ABILITY TO CUSTOMIZE SYSLOG MESSAGE) INTEGRATED LOG ANALYSIS OF ALL INFORMATION AT ONE VIEW (APPLICATIONS, USERS, SRC/DST IP'S , THREAT, COUNTRY.) SOLUTION MUST HAVE ON-BOX REPORTING AND LOGGING SOLUTION SHOULD SUPPORT, MALWARE DETECTION, PROTOCOL VALIDATION, BRUTE FORCE PROTECTION, COOKIE SIGNING, SYNTAX-BASED SQLI DETECTION, HTTP HEADER SECURITY, CUSTOM ERROR MASSAGE AND ERROR CODE HANDLING, DATA LEAK PREVENTION, CROSS SITE SCRIPTING (XSS), LAYER 4 & LAYER 7 DOS AND DDOS, GENERIC ATTACKS, TROJANS, KNOWN EXPLOITS, INFORMATION DISCLOSURE, FORM FIELD PARAMETER TAMPERING AND HPP TAMPERING, SESSION HIJACKING, COOKIE MANIPULATION AND POISONING, BUFFER OVERFLOWS, CREDIT CARD DETECTION, PROTECTION AGAINST KNOWN DATABASE AND WEB SERVER VULNERABILITIES, FORCEFUL BROWSING, BROKEN ACCESS CONTROL, BROKEN ACCESS CONTROL, REQUEST SMUGGLING. CROSS SITE FORGERY (XSRF)				

Total: 4671766.00
GST: 794200.22

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S. No.	Item / Description Specification	Qty. (UOM)	PO Price	Extended Amount	Delivery Date
		Total PO Amount:		5465966.22	
		Amount in Words:		Fifty Four Lakh Sixty Five Thousand Nine Hundred Sixty Six and paise Twenty Two Only.	

Terms & Conditions:

1. Material of this order is subject to final inspection at the time of delivery.
2. We reserve the right to cancel any or all the above items if material is not in accordance with our specification or if the delivery is delayed.
3. Payment will be made through crossed cheque after the receipt of the Invoice/Bill & delivery of above item(s).
4. General Sales Tax will be paid on applicable items only.
5. Liquidity damage at the rate of 2% per month on actual will be imposed on delayed delivery.
6. The rate / item cost is final and no change what so ever will be accepted.
7. Government tax(es), levi(es) and charge(s) will be charged at actual as per SRO.
8. Competent Authority reserves the right to change / alter / remove any item or article or reduce / enhance quantity without assigning any reason.
9. Invoice/Bill to be submitted to Purchase Department.
10. Advance Payment subject to Bank Guarantee.
11. All Government taxes (including Income tax and stamp duty), levies and charges will be charged as per applicable rates / denomination of Purchase Order.
12. Stamp Duty 0.25% for Goods against total value of Purchase Order will be levied accordingly.

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Senior Manager Purchase & Stores

Oct 31/19

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General Manager Administration