Tender No:	
KDU/PRO/CAP/D/173/2023	General Sir John Kotelawala Defence University, KandawalaEstate, Ratmalana, Sri Lanka. T: Phone: 2632028, 2622995 Fax: 2622504, 2623599 Web:www.kdu.lk
	03/08/ 2023
INVITATION TO BID AND GENERAL CONDITIONS	OF TENDER
	awala Defence University, as the Chairman, Department Procurement oply of item/s listed in the schedule in Annex "A". The relevant
2. <b>CLOSING DATE &amp; TIME</b> . The tenter closing time of the tender will be rejected & unopened su	nder will close at 1000 hrs. on 24 / 08 /2023. Any Bid submitted after sch bids will be returned to the bidder.
3. <b>VALIDITY OF BID.</b> The bid submitted from the date of closing of tender.	ted under this tender must be valid for a minimum period of 77 days
demand" and "unconditional" Bid Bond/Guarantee for a sur a recognized local Bank or Insurance Company registered in	000.00, such Bids should be accompanied with 1% of Bid Value an "on n of <b>Rs:</b>
(b) Submission of insufficient Bid Bond/Guar such offer will not be considered for further procurement act	rantee value or period will be considered as a " <b>major deviation</b> " and tion and will be rejected.
portion must be shown separately in the price schedule in Aritem is exempted from VAT or Bidding Company is not liab	r locally delivered items must have the VAT registration. The VAT mex "A" and VAT registration number must be indicated. If the quoted ble for VAT, reference number and date of relevant Act number/Gazette nt financial year from the Commissioner General of Inland Revenue to
the name of the signatory and the name of the company & conditions. The Bid/s that do not include authorized signand sealed in an appropriate cover addressed to the following appropriate tender box placed at General Sir John Kot Main Entrance of General Sir John Kotelawala Defence University	st duly sign at the bottom of Annex 'A' of this document indicating place the company common seal to confirm the acceptance of tender nature will be rejected. The Bid/s duly signed by the bidder enclosed g address should be sent by registered post or could be deposited in the relawala Defence University, Kandawala Estate, Ratmalana (at the versity) on or before the time & date specified for the closing of tender. Inder should be indicated & underlined at the top left corner of the
Tender Ref No : Closing Date & Time :	The Chairman, Department Procurement Committee, General Sir John Kotelawala Defence University,

7. The Bid/s must be submitted in the attached schedule of prices in Annex "A" as applicable. However, bidders could use similar formats prepared with their own letter heads with all the details mentioned therein and submit in three copies along with duly signed copy of a General Conditions of tender. The Bid/s must contain Technical Literature, Pamphlets, Drawings and Quality Standard Certificate etc necessary to determine characteristics of items offered and in case of Machinery/Vehicles & Equipment, servicing and workshop data/after sales service, back up facilities or any other facilities provided by the supplier.

Sri Lanka.

Kandawala Estate, Ratmalana,

8. SUBMISSION OF SAMPLES/PAYMENT OF TESTING CHARGES.

When it is required to submit samples, <u>every offer</u> must be accompanied with pre - marked samples. The marking of samples <u>indicating the Bidder & Offer number</u> must be done and the samples must be handed over to the officer at same place where tender box is placed <u>on or before the closing date & time of the Bid</u>. Samples submitted after closing time of the Bid will be rejected. The documents such as Air Way Bills etc, will not be accepted in place of samples. When the testing charges are required to be paid, bidders shall pay testing charges separately <u>for all offers</u> indicated in their bid/s.

(1	)	Samples.	Please submit	samp	les.
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(2) <u>Testing Charges</u>. A sum of Rs. ...... <u>per offer must</u> be paid to the Bursar of KDU, prior to the submission of bid and a copy of the receipt must be annexed to the bid. It is the responsibility of bidder to inform the Cashier of the Account Office to note the tender number on the receipt issued for such payments.

8. <u>BID OPENING</u>. All duly received bids <u>will be opened immediately after the scheduled closing time of Bids at the same venue</u>. Bidders or their accredited agents could be present at the time of opening of bids.

## 9. PRICES.

For locally delivered items (including locally manufactured items & foreign items imported by the bidders) price must be quoted in Sri Lankan Rupees, inclusive of all charges for delivery of items to General Sir John Kotelawala Defence University Ratmalana, Faculty of Allied Health Science (FAHS) Werahera and University Hospital Werahera or Southern Campus Sooriyawewa. <u>Unit price, VAT and Total price should be clearly indicated in schedule in Annex "A"</u>. Other than VAT, all other type of taxes (eg: NBT, BTT, etc.) should not be indicated separately and should be included in unit price.

- 10. **RESTRICTED TENDERS**. Invitation to Bids are circulated a mong the registered suppliers with Ministry of Defence (MOD), only bids submitted by registered suppliers will be allowed for consideration. However, Chairman, Department Procurement Committee reserves the right to invite the bids from multiple combinations of Procurement Methods as stipulated in Chapter III of the Government Procurement Guideline, 2006 to ensure highest competitiveness.
- 11. PERFORMANCE BOND/GUARANTEE. A successful bidder shall f u r n i s h a Performance Bond/Guarantee in the form of "On Demand" & "Unconditional" Bank/Insurance Guarantee for asum equivalent to 10% of the contract value for every contract that exceeds Rs. 2,000,000.00 or equivalent amount in foreign currency through a recognized Commercial Bank registered in Sri Lanka or through an Insurance Company authorized by the Insurance Board of Sri Lanka to issue such Performance Guarantee for this purpose, within two weeks from the date of notification of award. VALIDITY PERIOD OF THE PERFORMANCE GURANTEE/SECURITY SHOULD BE COVERED WARRANTY PERIOD + 28 DAYS. The proceeds of the Performance Bond/Guarantee shall be payable to the Vice Chancellor of the General Sir John Kotelawala Defence University as compensation for any loss resulting from the supplier's failure to complete his performance obligations under the contract. If the contracted supplier fails to deliver the items on time or fails to complete the works as per the agreed contract, THE TOTAL VALUE OF THE PERFORMANCE BOND/GUARANTEE will be forfeited. If only partial delivery is made during the agreed contract period, the corresponding value percentage of undelivered quantity from the Performance Bond/Guarantee will be forfeited.
- 12. SIGNING OF CONTRACT. The notification of award will be transmitted to the successful bidder by post, by fax or e-mail. This notification constitutes the formation of the contract. The successful bidder should submit his written acceptance for the award and performance bond / guarantee (For awards over Rs. 500,000.00 without VAT) within 14 days of receipt of such notification. Upon acceptance of the award and furnishing of the Performance Bond/Guarantee, the successful bidder will have to enter into a formal contract with the Vice Chancellor of the General Sir John Kotelawala Defence University by signing the Contract.
- 13. <u>DELIVERY.</u> Preference will be given for early delivery. In case of bulk supplies for locally manufactured items, the delivery of <u>total quantity must be completed within 120 days of signing of contract</u>, unless mutually agreed for extended delivery period with General Sir John Kotelawala Defence University. <u>The bidder/s must indicate the proposed delivery schedule in Annex "D"</u>. In the event of placing a purchase order with the successful bidder, the total quantity so ordered must be supplied as one consignment unless part deliveries are agreed upon in the contract. The deliveries not made as per agreed delivery schedule will be considered as bad performances by the suppliers and <u>no extended delivery period will be authorized</u>. Under extreme unavoidable conditions too, the Chairman, Department Procurement Committee (Vice Chancellor of the General Sir John Kotelawala Defence University) reserves the right to grant or refuse delivery period extensions only within the current financial year with or without liquidated claim for delayed deliveries and that decision will be final.
- 14. **LIQUIDATED DAMAGES.** In case of delivery period extensions requested by the successful bidder, a sum equivalent to 1% of the total value of the delayed supply per delay of one week or part thereof may be deducted from the payment due to the supplier from the General Sir John Kotelawala Defence University as liquidated damages up to the maximum limit of 12% of the total value of delayed supplies.
- 15. PAYMENT TERMS FOR LOCALLY DELIVERED ITEMS. Payment will be made after acceptance of items which should be subjected to a pre-acceptance inspection/testing by General Sir John Kotelawala Defence University authorities. The delivery made to the General Sir John Kotelawala Defence University should not be considered as quantities taken over by General Sir John Kotelawala Defence University until items are properly accepted after pre-acceptance inspection. Any item that does not conform to the specifications or already approved sample will be rejected & it is the responsibility of the supplier to remove them from General Sir John Kotelawala Defence University stores/premises within 07 working days of such intimation (either verbal or written) at his own cost and replace them with items conforming to specification within one month of such rejection. The bidder shall allow approximately 30-45 days' period of credit from the date of acceptance of items for Account Office, General Sir John Kotelawala Defence University to obtain liquid cash from General Treasury & release the payment.
- 16. **RIGHTS OF THE PROCUREMENT COMMITTEE**. The Department Procurement Committee reserve the right to accept or reject whole or part of this tender and their decision will be final. The successful bidders will be notified. Information with regard to rejected or unsuccessful bids will not be communicated.

Thanking You, Yours faithfully,

Thanking You,
Yours faithfully,
TSK Laukeshwara,Lse
For Vin Communication

TSK Lankeshwara Lsc Lieutenant Commander (S) for Vice Chancellor General Sir John Kotelawala Defence University

TOTAL PRICE

SCHEDULE OF PRICES FOR LOCALLY DELIVERED ITEMS

S/N

**ITEMS** 

9/14				О		SLRS	SLRS
Purcha	se Of KDU Firewa	ll for Next 05 Y	ears				
-	se Of KDU Firewa		ears	No	01		
Attach	ed The Specificat	ions					
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DISCO	DUNT						
	L(AFTER DISCOU	JNT)					
VAT							
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(A) OTH	ER DETAILS						
(i)		PERIOD					
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## Firewall Specification

Option - 01

tem No.	Description of Specifications	Complied / Not Complied	Remarks (if any
1	General Requirements		
1.1	Make and Model of the proposed firewall shall be clearly stated		
	OEM of the proposed firewall shall be in "Leaders" quadrant as		
1.2	per the latest 5 years Gartner report for Network firewalls		
	OEM of the proposed firewall shall have ICSA certification for		
1.3	Antivirus, IPS, Firewall, IPSec and SSL VPN technologies		
	Proposed firewall shall be an appliance based hardware platform		
	which is optimized and purpose-built for high performance with a		
	security-hardened, purpose-built operating system		
1.4			
	Proposed firewall shall have enterprise license for requested		
1.5	features. User/IP/Host/Bandwidth based licenses will not be		
1.6	accepted  Proposed firewall shall have redundent assured white		
1.7	Proposed firewall shall have redundant power supply units Proposed firewall shall be 19" rack mountable		
1.7	Proposed firewall shall be 19" rack mountable		
2	Interface and Connectivity Requirements		
4	Proposed firewall shall have USB interfaces for backing up/		
2.1	restoring configuration, upgrading software images		
2.1	restoring configuration, upgrading software images		
2.2	Proposed firewall shall have the following interfaces/modules		
	2 x 10Gbps SFP+ Interfaces		
	8 x 1Gbps SFP Interfaces		
2.2.3	14 x 1Gbps RJ-45 Copper Interfaces		
2.2.4	1 x Dedicated RJ-45 MGMT interface		
	2 x Dedicated RJ-45 HA interface		
2.2.6	1 x USB port		
2.2.0	TX 030 port		
3	Performance Requirements		
	Proposed firewall shall support at least 2,800,000 concurrent		
3.1	connections		
and the second	Proposed firewall shall support a minimum of 280 ,000 new		
3.2	sessions per second processing		
	Proposed firewall shall have following minimum performance for		
	NGFW, IPS and Threat Prevention based on real-world Traffic Mix		
3.3	/IMIX		
3.3.1	NGFW Throughput - 3.5 Gbps		Malian Shares Andrea
3.3.2	IPS Throughput - 5 Gbps		
3.3.3	Threat Prevention Throughput - 2.8 Gbps		
3.3.4	SSL Inspection Throughput - 4 Gbps		
4	Network & Routing Requirements		
4.1	Proposed firewall shall support Static Routing		
4.2	Proposed firewall shall support Policy-based Routing		
	Proposed firewall shall support Dynamic Routing (RIP, OSPF, BGP		
4.3	&IS-IS) for both IPv4 and IPv6		
4.4	Proposed firewall shall support Multicast Routing		
4.5	Proposed firewall shall support Net Flow or sFlow		
5	Firewall Features Requirements		
	Proposed firewall shall be able to operate in standard NAT mode,		with english to E
5.1	bridge mode or transparent mode		
- Work	Proposed firewall shall provide NAT functionality, including PAT		
5.2			
5.3	Proposed firewall shall support Policy-based NAT		
	Proposed firewall shall support User-Group based Authentication		
	(Identity based firewalling) and Scheduling		THE RESERVE OF THE PERSON OF T
5.4	Proposed firewall shall support device based and OS based		

5.6	Proposed firewall shall have IPv6 support for both NAT and Transparent Mode	AND THE RESERVE OF THE PARTY OF
	Proposed firewall should support the creation of up to 10 virtual firewalls on the device itself. Any required licenses should be	
5.7	included. Firewall should include a pre-defined database of internet	
5.8	services which can be referenced in the firewall policy	
6	Authentication Requirements	
	Proposed firewall shall have support for user authentication (Local and Remote)	
6.1	Proposed firewall shall have support for external RADIUS, LDAP and TACACS + integration for User and Administrator	
6.2	Authentication Proposed firewall shall support for Native Windows Active	
6.3	Directory Integration	
6.4	Support PKI/Digital Certificate based two-factor Authentication for Firewall Administrators	
7	Administration & Management Requirements	
	Proposed firewall shall support WebUI (HTTP/HTTPS) and CLI	property and the second of the
7.1	(Telnet/ SSH) based management	
	Proposed firewall shall have configurable options to define	
7.2	remote access to the firewall on any interface and restrict the same to a specific IP/Subnet (i.e. Trusted Hosts for Management)	
7.0	Proposed firewall shall support connecting directly to the firewall through a console connection (RJ45 or DB9)	
7.3	Proposed firewall shall have SNMPv2c and SNMPv3 support	
	Proposed firewall shall have provision to generate automatic	
7.5	notification of events via mails/syslog  Proposed firewall shall have provision to send alerts to multiple	
7.6	email recipients	
	Proposed firewall shall support for role based administration of firewall	
7.7	Proposed firewall shall support simultaneous login of multiple Administrators	
7.9	Proposed firewall shall have provision to customize the dashboard by selecting suitable Widgets etc	
7.10	Proposed firewall shall provide a means for exporting the firewall rule set and configuration to a text file via Web or TFTP	
7.11	Proposed firewall shall support for image upgrade via FTP/TFTP or WebUI	
7.12	Proposed firewall shall support system software rollback to the previous version during upgrade	
8	IPS and Application Control Requirements	
	Proposed firewall shall have built-in Signature and Anomaly based	
8.1	IPS engine on the same unit  Proposed firewall shall be able to mitigate denial of service	
8.2	attacks	
8.3	Proposed firewall shall be able to mitigate buffer overflow attacks  Proposed firewall shall be a Certified IPS by an independent	
8.4	certification/testing body such as NSS Labs and ICSA	
8.5	Proposed firewall shall identify and control applications	
8.6	Proposed firewall shall control popular IM/P2P, social media, malware, applications regardless of port/protocol	The state of the s
	Proposed firewall shall be able to control access to cloud-based applications and should able to route the specific apps via	
8.7	different WAN links based on the jitter and latency on the link	file a second from the short resignation to be all the source



9	Gateway Antivirus	
9.1	Proposed firewall shall facilitate embedded gateway antivirus support	
	Proposed firewall shall include anti-spyware and worm	
9.2	prevention	
	Gateway antivirus shall support real-time detection of viruses and malicious code for HTTP,HTTPS, FTP,SMTP, SMTPS,POP3 and IMAP	
9.3	protocols	
9.4	Proposed firewall shall have configurable policy options to select what traffic to scan for viruses	
9.5	Proposed firewall shall have options to prevent user downloads based on file extension as well as file type	
9.6	Proposed firewall shall have the ability of antivirus scanning for IPv6 traffic	
10	Web Content Filtering Requirements	
10.1	Proposed firewall shall facilitate embedded web content filtering feature	
10.2	Web content filtering shall work independently without the need to integrate with an external proxy server	
10.3	Web content filtering shall have the facility to block URLs based on categories	
3 10.4	Web content filtering shall support HTTP and HTTPS traffic	
10.5	Proposed firewall shall be able to block URLs hosting spywares/adware etc	
10.6	Proposed firewall shall be able to block different categories/sites based on User Authentication	
10.7	Proposed firewall shall have options to customize the "Blocked Webpage Message" information displayed to end users	
10.7	Proposed firewall shall be able to detect DNS-based spoofing attacks	S and the same state of the sa
10.9	Proposed firewall shall include DNS filtering feature to block DNS	
10.10	requests to known botnet C&C domains  Proposed firewall shall support category based DNS filtering	1
10.10		
11	Encryption & VPN Requirements	
11.1	Proposed firewall shall have integrated VPN that support the following protocols DES, 3DES,MDS,SHA-1, SHA-256, MDS, Diffie-Hellman Group1, Group2,Group 5, IKE v1/2, AES 128/192/256	
11.2	Proposed firewall shall support Hub and Spoke VPN topology	
11.3	Proposed firewall shall have integrated SSL VPN with no user license slab restriction.	
11.4	Proposed firewall shall support SSL two-factor authentication with Digital Certificates or Hardware/Mobile tokens	
11.5	Proposed firewall shall support Single Sign-On Bookmarks for SSL Web VPN	
11.6	Proposed firewall shall support Windows, Linux and MAC OS for SSL-VPN.	
11.7	Proposed firewall shall support NAT within IPSec/SSL VPN tunnels	
11.8	Proposed firewall shall support PPTP and L2TP overIPSec VPN protocols	
B. Hogh		

12	Other Requirements	
12.1		
12.1	Proposed firewall shall have Jumbo Frame support	A Charles Miles
	Proposed firewall shall have option to configure traffic shaping. It	
	shall have provision to define guaranteed bandwidth and	
12.2	maximum bandwidth	
	Proposed firewall shall support Gateway Data Loss Prevention	
	(DLP) feature for popular protocols like HTTP,	
12.3	HTTPS,FTP,POP3,IMAP, SMTP, POP3S, IMAPS, SMTPS etc	
12.5	HTTPS,FTP,POPS,HVIAP, SIVITP, POPSS, HVIAPS, SIVITPS ELC	
	Gateway Data Loss Prevention feature shall support popular file	
	types like MS-Word, MS- Excel, MS-PowerPoint and PDF	
12.4	types like wis word, wis Excel, wis rowerrount and r br	
	Proposed firewall shall support packet capture/sniffer to capture	la Water State
	and examine the contents of individual data packets that traverse	
12.5	the firewall	
12.3		
	Proposed firewall shall include automation capabilites in order to	
12.6	take automated action based on defined triggers.	
	The automation feature should be able to trigger actions based	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	on specific log events, CPU/Memory high incidents, license expiry,	
12.7	compromised host detection and HA failover.	
	Proposed firewall shall include in-built SD-WAN feature set	
120		
12.8	without the need for any additional licenses	DE LISTE DE L'ANDRE DE
Story V		Maria and Pall
13	Vendor/Supplier Eligibilities	
	Vendor shall operate 24/7/365 global Technical Assistance Center	
13.1	(TAC) with telephone and e-mail support.	
10.1	Original Equipment Manufacturer (OEM) of the proposed firewall	
400		
13.2	shall have a local parts depot in Sri Lanka	
	Vender's RMA (Return Material Authorization) process shall	
13.3	include next business day onsite replacement	
	Bidder shall submit the Original Manufacture's Authorization	
13.4	Certificate along with the bid	
20.	bet threate along with the blu	
14	Warranty & Subscriptions	
14		
	The proposed Solution shall have OEM authorized warranty Five	
14.1	(05) years	MATERIAL SECTION
	The proposed Solution shall have security subscription licenses	1
	from OEM for Five (05) years. Bidder shall clearly provide the	
14.2	details on provided licenses.	
	5 years comprehensive on-site warranty including all parts and	/
	labour and covering against all types of defects and faults related	
	to the product quality and workmanship	
	Maximum Response time of 3 hours	
	2. Maximum Resolution Time of 8 working hours.	
	(In failure to do so, vendor must supply a backup firewall with	
	similar capabilities)	Hard Control of the State of th
142	animai capatindes)	
14.3		
15	Reference and Experience	and and the
	The proposed Firewall model should have a successful deployment in Sri	
15.1	Lanka for Government Institute	
	Bidder should have similar references in Sri Lanka where it had been	
15.2	deployed for more than 10 locations.	
	Bidder should have at least 10 years' experience in Business.	
	Bidder should have ISO 9001:2015 quality Management System	IV-SALE-SALE
15.4	certification	By and a second
15.4		
	Bidder should have ISO 27001:2013 - information security management	
15.5	system	DESCRIPTION OF THE PARTY.
	Trainees	west meened
	Trainings should provide (at least 02)	100000000000000000000000000000000000000
16.1	Trainings should provide (at least 02)	The statement of
16.1	Brochure	
16.1 17		

## **SPECIMEN FORM OF BID SECURITY**

firmly	bound	any) whose regis onto	tered office is	at	(her	nafter called "the Bidder") and We (name of bank or (hereinafter called "the Surety") are held and reinafter called the Authority") in the sum of e payment of which sum the Bidder and the Surety
	Wherea		as invited the	Tender and oth	er persor	ose presents.  s to compete tenders in similar terms for the supply and to
submit to called "honour	the same the Bid" certain o	for the consider ) in accordance	ration of the Av with such invi undertaken by	uthority, and th tation, the Bon	e Bidder id shall p	proposes to submit to the Authority a Bid (hereafter rovide security to the Authority that the Bidder will cordance with the following conditions.
	(a)	That it shall re	main in full for	rce and effect u	ıntil the e	arliest of
			tenders, or any			date), the date stipulated by the Authority for the ate above notified to the Authority by the Bidder and
			formance secu			by the Authority, the date upon which the Bidder accordance with the terms of the contract thereby
	(b) Bond u	Subject to this pon receipt of fin				he Surety shall pay the full amount specified in this stating that.
		(i) The E	Bidder has with	drawn his Tend	der durin	g the validity of this Bond, or
						ance security to the Authority in accordance with the imation of award of the Tender.
	concern		on the part of the			of forgiveness in or in respect of neither any matter ojection from the bidder shall in any way release the
the Autl	hority sh	nefit of this Bond all return the san and shall be gove	ne to the Bidde	er.		rity and upon its ceasing to be in full force and effect
	I exe	cuted as a deed o	on this (	) day of (	) 20 (	)
	For and	on behalf of the	Bidder			For and on behalf of the Surety
	Signed	by				Signed by
	In the c	apacity of				In the capacity of
	and by					and by
	In the c	apacity of				In the capacity of
	Seal (w	here applicable)				Seal (where applicable)

## **DELIVERY SCHEDULE**

(IT IS MANDATORY TO FILL THE FOLLOWING SCHEDULE BY THE BIDDER)

				,	
TENDER NO:					
ITEM :					
QTY :					
-					
DURATION		QTY			
EX STOCK QTY (WITHIN 0	1 WEEK)				
01MONTH					
02 MONTHS					
03 MONTHS					
04 MONTHS					
TOTAL					
NAME OF THE BIDDER	:				
SIGNATURE OF BIDDER					
SIGINITORE OF BIDDER	• • • • • • • • • • • • • • • • • • • •		•••••		
D.A. ITTE					
DATE	:				
COMPANY SEAL	:	<b>:</b>			