Title: SUPPLY OF ICT EQUIPMENT AND SOFTWARE LICENCE RENEWAL
Number of Lots: **5**

1. **SADC Secretariat** is inviting company to submit a bids for the Supply of the following items

Lot 1: Servers, SAN and Tape Library (Manufacturer authorisation. Attach evidence)

Lot N°	Item N°	Project	Description	Qty
1	a	ICT Unit	Servers (3) and SAN Storage (3)	6
	b	ICT Unit	Backup Tape Library	1
	c	ICT Unit	Laptop, docking station and accessories	30

LOT 2: Switches, Access Points (Authorised Partners only. Attach evidence)

Lot N°	Item N°	Project	Description	Qty
2	a	ICT Unit	Supply, Installation and Configuration of Core Switch	1
	b		Supply, Installation and Configuration of Layer 3 Switches	2
	c		Supply and Installation of Wireless Access Points	24
	d		Wireless Phones	10

Lot 3: Printers and Printer Maintenance (Attach evidence of reseller authorisation and printer repair competence)

Lot N°	Item N°	Project	Description	Qty
3	a	ICT Unit	Printer maintenance	30
			New Printers	5

LOT 4: For authoirsed F-Secure, Papercut, Solarwinds and Veeam partners and resellers only (attach evidence)

Lot N°		Project	Description	Qty
4	a	ICT	License Renewals: a) F-Secure Client Security **Premium**- **320** seats/units. b) F-Secure Server Security **Premium** for Windows Servers – **60** seats/units. c) ISA support	1
	b	ICT	Renewal of Licence and Support (Upgrade Assurance) for PaperCut MF printer management software.	20
	c	ICT	Renewal of Solarwinds Licences and support (8 modules)	8
	d	ICT	SSL Certificates	2
		ICT	Veeam Backup Software	1

Lot 5: Data Centers Upgrades (Evidence of experience and competence)

Lot N°	Item N°	Project	Description	Qty
5	a	ICT Unit	Data Centres Upgrades	3

2. You should send only **one bid** for this requirement. Bid for any lot but include ALL items in that lot. (**Total each Lot separately. Refer to annex 1 for quotation format).**

   Important : Include relevant documentation below:

   1. **The Certificate of Incorporation**
   2. **The Trading License**
   3. **Valid Tax Clearance Certificate**
   4. **The PPADB Certificate**
   5. **Banking details**
   6. **Company Profile**
   7. **Provide Minimum of two references from previous clients where similar service/products have been supplied**.

3. Your **bid** should be titled as shown below and addressed to:

   "**SUPPLY OF ICT EQUIPMENT AND SOFTWARE LICENCE RENEWAL**".

Head – Procurement unit

SADC Secretariat

Plot 54385 CBD

Gaborone

BOTSWANA

Late submissions and faxed quotations are not acceptable

5.   Bids should be registered in the Bid Depositing Register and be placed in the SADC Tender Box located at the reception area of the following address:
SADC House
Plot No. 54385
Central Business District
Gaborone
Botswana

4.   The deadline for submission of your bids, to the email addresses indicated in Paragraph 3 is: **6ᵗʰ December 2019; 14:30hrs.**

5.   Your bids should be submitted as per the following instructions, and in accordance with the Terms and Conditions of the Standard Purchase Order for SADC which is available on request.

(i)   PRICES: The prices should be convertible to the local Pula currency (Include exchange rate to Pula if using foreign currency), including all duties attached to the sale of the **goods** (such as VAT, customs duties, etc) and transport to the final destination.

(ii)   EVALUATION AND AWARD OF PURCHASE ORDER: Bids determined to be administrative (see Paragraph 2,3,4 and 5 and technically compliant to the requirements will be evaluated by comparison of their prices per lot (defined as above). The award will be made to the bidder offering an administratively and technically compliant quotation at the lowest total price for the lot.

(iv)   VALIDITY OF THE OFFER: Your Bid should be valid for a period of 90 days from the date of deadline for submission of quotation indicated in Paragraph 4 above.

8.   The software **licenses** are expected to be delivered within **1weeks** from the signature of the Purchase Order. Hardware equipment are expected within 8 weeks from date of purchase order.

8.   Additional information and clarifications can be requested **in writing**, via email addresses below no later than **30ᵗʰ November 2019; 14:30hrs.**
Email: tlengoasa@sadc.int; cc: clungu@sadc.int; anguni@sadc.int;during working hours.
Sincerely,

Name: Themba Lengoasa
Title: Procurement Officer
Date: 12 November 2019

ANNEX 1
LOT 1
TECHNICAL SPECIFICATIONS
SERVERS, SANS, TAPE LIBRARY AND LAPTOPS
Three (3) Servers (Supply, configuration and installation)

TECHNICAL SPECIFICATIONS FOR **SUPPLY AND INSTALLATION** OF SERVERS		
Specifications	**SADC Requirement**	**Supplier Compliance**
New and Unused	Yes	
Manufacturer	specify	
Model	Specify	
Form Factor	Rack Mountable	
Operating System	**Windows Server 2019 Data Center Edition, 64 bit**	
1. Processor		
Compatibility	64-bit	
Processor	Intel, at least 2.1 GHz each	
Processor Core	At least 16 core	
Number of Processors	At least 2	
2. RAM		
RAM capacity	At least 192 GB	
3. KEYBOARD		
Keyboard type	USB	
4. MOUSE		
Type	USB, Optical	
5. Networking		
10/100/1000 Network Interface Card	At least 4 NIC Ports	
6. Ports		
· USB 2.0 or higher	At least 4	
7. MASS STORAGE DRIVES		
Internal Storage (SAS)	At least 18TB (Raw)	
8. DVD-RW Drive	Yes	
9. MISCELLANEOUS		
Power Supplies	At least two	
Electrical Connections	South Africa Standard	

Warranty	At least 3 years	
13. OTHER FEATURES PROPOSED BY SUPPLIER		

Two (2) SANs (Supply, configuration and installation)

SPECIFICATIONS FOR **SUPPLY AND INSTALLATION**		
Specifications	**SADC Requested**	**Supplier Proposed/Comply**
New and Unused	Yes	
Manufacturer	Specify	
Model	Specify	
Rack Mountable	Yes	
Warranty	3 years (parts, labor and onsite)	
Power	220 Volts	
Capacity	At least 24TB (raw)	
Drive Type	24TB (10 x 2.4TB 10K RPM SAS Hot-plug Hard Drive	
Host interface	At least 2 X 1 GbE iSCSI Ports, 2X 10GbE iSCSI (2) Ports	
Management features	Centralized Management Console, Integrated Lights-Out 4 Remote Management	
Clustering support	Hyper-redundant clustered storage supported	
Replication support	LeftHand Remote Copy Asynchronous Replication with Bandwidth Throttling; Multi-Site/Disaster Recovery with Synchronous Replication	
Availability features	Redundant, hot swap power supplies	
	redundant fans	
	redundant, hot plug hard drives, integrated storage controller	
	Redundant power supply	
	Support disk RAID 5, 6, and 10	
Compatible operating systems	Microsoft Windows Server 2012	
	Microsoft Windows Server 2016	
	Microsoft Windows Server 2019	
	All major operating systems and hypervisors	

1. One (1) Backup SAN (Supply, configuration and installation)

Qty	Features	Requirement	Proposed
	Make	Dell (for backward compatibility with existing)	

1	Model	MD1280	
	Drive Type	28 x 8TB NL-SAS 3.5" HDDs	
	Drive performance and capacities	3.5" NL-SAS 512e 6Gb HDD (7.2K): 8TB	
	Input voltage range	200-240	

2. One (1) BACKUP TAPE LIBRARY (Supply and Install)

Qty	Features	Requirement	Proposed
1	Make	Dell (for backward compatibility with the existing)	
	Drive type	LTO-8	
	Number of drives	2	
	Chassis	Rack mount	
	Media	LTO-8 LTO Ultrium Cleaning Cartridge **(2 cleaning tapes)**	
	Max native capacity	ML3	
	Interface	8Gb FC (Provide 4x2M Multi-Mode FC Cable LC-LC)	
12	External Hard Drives	4TB WD USB 3.0 External Hard Drives	
100	Tape Media	LTO-8 Tape media	

THIRTY (30) LAPTOP, MONITORS AND ACCESSORIES QUANTITIES

Item No	Description	Quantity
1	Laptops	30
2	Laptop Bag (Backpack)	30
3	21" Monitors	30
4	External Optical Keyboard (wired)	30
5	External Optical Mouse (standard desktop size)	30
6	Laptop Security Cable	30
7	Red Top Power Cord for each laptop (see sample image)	30

LAPTOP, MONITORS AND ACCESSORIES SPECIFICATIONS

LAPTOP SPECIFICATIONS		
		Please fill this column
Specifications	Requested	Proposed
Laptop Manufacturer	specify	
Laptop Model	specify	
Warranty	**At least 3 year**	
New	Yes	
Unused	Yes	
Laptop	Yes	
Laptop Bag (Backpack from same manufacturer)	Yes	
21" Monitor	Yes	
External Optical Keyboard (wired)	Yes	
External Optical Mouse (standard desktop size)	Yes	
Laptop Security Cable	**Yes**	
Display		
Screen size	**12" - 14"**	
2. Processor		
Processor	At least Intel Corei7 generation 8	
Compatibility	64 bit	
3. Operating System		
Required Operating System	Preloaded with Windows 10 Pro 64bit	
4. RAM		
RAM capacity	**At least 16GB**	
5. KEYBOARD		
Type	English (QWERTY)	
6. Networking		
10/100/1000 RJ45 Network Interface Card	Yes	
IEEE 802.11a/b/g/n Wireless Network Card	Yes	
Bluetooth	Yes	
7. Ports		
USB 2.0 or higher Ports	At least 2	

8. STORAGE		
Hard disk Capacity	**At least 500GB**	
10. Multimedia facilities		
Microphone jack	yes	
Headphone jack	yes	
Integrated Camera	yes	
11. MISCELLANEOUS		
Electrical Connections (Socket type)	South African Standard	
Power Cord Type (Sample). Any color but NOTE: Earth terminal is flat at the top. See image		
Power input	100-240V AC	

LOT 2

1. One (1) CORE SWITCH SPECIFICATIONS

Line Number	Item Name	Description	Quantity
1.0	**C9410R-96U-BNDL-A**	Catalyst 9400 Series 10 slot,Sup, 2xC9400-LC-48U, DNA-A LIC	1
1.1	C9400-NW-A	Cisco Catalyst 9400 Network Advantage License	2
1.2	C9400-S-BLANK	Cisco Catalyst 9400 Series Slot Blank Cover	4
1.3	C9400-PWR-BLANK	Cisco Catalyst 9400 Series Power Supply Blank Cover	6
1.4	S9400UK9-1610	Cisco Catalyst 9400 XE 16.10 UNIVERSAL	1
1.5	C9400-PWR-3200AC	Cisco Catalyst 9400 Series 3200W AC Power Supply	2
1.6	CAB-CEE77-C19-EU	CEE 7/7 to IEC-C19 13ft Europe	2
1.7	CAB-CON-C9K-RJ45	Console Cable 6ft with RJ-45-to-RJ-45	1
1.8	C9400-DNA-A	Cisco Catalyst 9400 DNA Advantage Term License	1
1.8.0.1	C9400-DNA-A-3Y	Cisco Catalyst 9400 DNA Advantage 3 Year License	1
1.9	C9400-SUP-1XL-Y-B	Cisco Catalyst 9400 Series Sup-1XL-Y Bundle Select Option	1
1.10	C9400-SUP-1XL-Y	Cisco Catalyst 9400 Series Supervisor 1XL with 25G Module	1
1.11	SFP-10G-SR	10GBASE-SR SFP Module	2
1.12	C9400-SSD-240GB	Cisco Catalyst 9400 Series 240GB M2 SATA memory (Supervisor)	1
1.13	C9400-SUP-1XL-Y/2	Cisco Catalyst 9400 Series Red Supervisor1XL with 25G Module	1
1.14	C9400-SSD-240GB	Cisco Catalyst 9400 Series 240GB M2 SATA memory (Supervisor)	1
1.15	SFP-10G-SR	10GBASE-SR SFP Module	2
1.16	C9400-LC-48U-B	Cisco Catalyst 9400 Series 2xC9400-LC-48U for	1

		Bundle Select	
1.17	C9400-LC-48U	Cisco Catalyst 9400 Series 48-Port UPOE 10/100/1000 (RJ-45)	1
1.18	C9400-LC-48U	Cisco Catalyst 9400 Series 48-Port UPOE 10/100/1000 (RJ-45)	1
1.19	C9400-LC-24XS	Cisco Catalyst 9400 Series 24-Port 10 Gigabit Ethernet(SFP+)	1
1.0.1	CON-SSSNT-C9410R9A	SOLN SUPP 8X5XNBD Catalyst 9400 Series 10 slot,Sup, 2xC940	1
1.20	C9400-LC-24XS	Cisco Catalyst 9400 Series 24-Port 10 Gigabit Ethernet(SFP+)	1
2.0	**SFP-10G-SR=**	10GBASE-SR SFP Module	16
	Fibre Patch chords	**10metre MMF Flylids connecting the new SFP Modules (in 2.0 above) to SC connector below (see image)**	16

2. LAYER 3 SWITCHES SPECFICATION

QTY	Line Number	Part Number	Description	Service Duration (Months)
2	**1.0**	**WS3650-48PD/K9**	Catalyst 3650 48 Port PoE 2x10G Uplink	---
	1.1	S3650UK9-37E	CAT3650 Universal k9 image	---
	1.2	PWR-C2-640WAC	640W AC Config 2 Power Supply	---
	1.3	CAB-TA-UK	United Kingdom AC Type A Power Cable	---
	1.4	STACK-T2-BLANK	Type 2 Stacking Blank	---
	1.5	PWR-C2-BLANK	Config 2 Power Supply Blank	---
	1.10		SOLN SUPP 24X7X2 Cisco Catalyst 3650 48 Port Full PoE 2x10G	12

3. WIRELESS DEVICES SPECIFICATION

QUANTITY	DESCRIPTION OF GOODS OR SERVICES
24	**Wireless Access Points : AIR-CAP2802I-E-K9** 802.11ac W2 AP w/ CA; 4x4:3; Int Ant; 2xGbE E AIR-AP-BRACKET 802.11ac AP Mounting Bracket (Default) Ceiling Grid Clip for Aironet APs - Recessed Mount IOS 2800 Series IOS 802.11ac W2 AP w/ CA **One year SMARTnet 8x5xNBD cover for all items**

10	**Cisco Wireless IP Phone 8821** **One year SMARTnet 8x5xNBD cover for all items**

LOT 3
PRINTERS AND MAINTENANCE (SITE SURVEY REQUIRED)
Note: Compulsory site survey to assess printer requirements to be carried out by bidders at least 3 days before deadline.

Item No	Description	Quantity
1	HP Color Laserjet 700 series	20
2	HP 500 Series Printers	10

FIVE (5) NEW PRINTERS

MFP LASER COLOR PRINTER SPECIFICATIONS	
Specifications	**SADC Requirement**
Printer Brand	HP
Printer Model	HP LaserJet Pro 500 color MFP M570dn
Warranty	At least 1 year
New	Yes
Unused	Yes
FUNCTIONS	
Fax	Yes
Print	Yes
Copy	Yes
Scan	Yes
Digital Send	Yes
Easy Access USB	Yes
Multitasking supported	Yes
AutoDocumentFeederCapacity	Yes
PRINTING SPECIFICATIONS	
Print Technology	Laser
Print speed black (normal, letter)	Up to 31 ppm
Print speed color (normal, letter)	Up to 31 ppm
Print resolution, color	Up to 600 x 600 dpi
Print resolution, black	Up to 600 x 600 dpi
PAPER HANDLING	

Paper handling standard,input	100-sheet multipurpose tray, 250-sheet input tray 2, 50-sheet automatic document feeder; 250-sheet face-down output bin; Auto Document Feeder Capacity: Standard, 50 sheets; Envelope Feeder: No; Standard Paper Trays: 2; Input Capacities: Up to 350 sheets;
Paper handling standard,output	Up to 250 sheets; Up to 10 envelopes; Up to 100 sheets
Duplex printing (printing on both sides of paper)	Automatic (standard);
Paper Size	Envelope, A4
ADDITIONAL SPECIFICATIONS	
Processor speed	800 MHz
Memory	Standard : 256 MB NAND Flash, 256 MB DRAM;
CONNECTIVITY	
Connectivity, standard	1 Hi-Speed USB 2.0; 1 Host USB; 1 Gigabit 10/100/1000T Ethernet; 1 RJ -11 (Fax); 1 RJ-11 (Phone)
Compatible Operating Systems	Win 10,8,7,XP Windows Server 2008/12/R2
Miscellaneous	
Display	LCD
Accessories	Cables, toners, etc. to be provided
Power Supply	South Africa Standard

LOT 4

SOFTWARE LICENCE RENEWALS

Lot N°		Project	Description	Qty
4	a	ICT Unit	License Renewals: d) **F-Secure Client Security Premium**- **320** seats/units. e) F-Secure Server Security **Premium** for Windows Servers – **60** seats/units. f) 1 year F-Secure 8/5 Telephonic and Email support to be used for remote support, investigation and remediation. Subscription period start on 1st January 2019-31 December 2020 and includes F-Secure Policy Manager. (with possibility of additional 1 year)	**1**
4		ICT Unit	**Renewal of Support (Upgrade Assurance) for PaperCut MF printer management software**. Customer Details: Support ID: PS107815-3565 Licensed Version: 16	**20**

		b		Company: Southern African Development Community. Licensed for: 400 users **Total Licensed Devices: 20** **Renewal Period: 12 Months (1 Year)** (with possibility of additional 1 year renewal) Licensed modules: Print Control Module • Internet Control Module **PaperCut Approved Reseller Details:** **Symbiosis: Email:** info@symbiosis.co **Phone:** +27 21 832 5900	
		c		V-VBRENT-VS-P0000-00 **Veeam Backup & Replication Enterprise.** - Includes 1st year of Basic Support. 10 Sockets	**1**

Solarwinds Licence Renewals

Lot No		SKU #	Description	Quantity
4	c	17171	SolarWinds Network Topology Mapper - Annual Maintenance Renewal	1
		18292	SolarWinds Web Help Desk Per Seat License (6 to 10 named users) - License with 1st-Year Maintenance	10
		18391	SolarWinds Log & Event Manager LEM30 (up to 30 nodes) - Annual Maintenance Renewal	1
		18217	SolarWinds Server & Application Monitor AL150 (up to 150 monitors) - Annual Maintenance Renewal	1
			Server Configuration Monitor SCM10 (up to 10 Managed Servers) License with 1st-Year Maintenance	1
		18206	SolarWinds Network Performance Monitor SL250 (up to 250 elements) - Annual Maintenance Renewal	1
			SolarWinds Network Configuration Manager DL50 (up to 50 nodes)	1
			Solarwinds Kiwi Syslog server (3 sites)	3

SSL Certificates

Lot N°	Project	Description	Qty
1	ICT Unit	Extended Value (EV) multi-level certificate for 3 FQDN sadc.int domain, i.e www.sadc.int, intranet.sadc.int, extranet.sadc.int, (certificate should show organization name with a green bar). Validity: 2 years	**1**
1	ICT Unit	Wildcard SSL Certificate for all subdomains of sadc.int (certificate should show organization name). Validity: 2 years	**1**
		Symantec/DigiCert, Minimum 256-Bit encryption	

LOT 5: DATA CENTERS UPGRADES (Site Visit Required)

TECHNICAL SPECIFICATIONS

Item	Description	Qty
1	**Environmental Monitoring Systems**	
	Environmental Monitoring with alerts	1
2	**Power Distribution Unit**	
	PDU (20 Outlets)	8
3	**Installation of a Raised Floor (iTowers)**	
	Raised Floor	1
4	**Recabling of All Racks - 600m cat 6 UTP (2 sites)**	1
	Testing, Labelling and Documentation	1
	Installation and commissioning	1
LOT 5: OPTIONAL ITEMS	**OPTIONAL ITEMS (TOTAL SEPARATELY)**	**Qty**
1	New network points at Sebele (1200m Cat6 UTP)	50
2	48 Port Patch Panels	2
3	24 Port patch Panels	2
4	Brush Panels	4
5	0.5m Patch cables	50
6	3m flylids	50
7	Installation and commissioning	1

ANNEX 2

SAMPLE QUOTATION FORMAT FOR LICENCES AND SUPPORT (Total each Lot separately from other Lots AND Quote for ALL items in a given Lot).

F-Secure Licences (two year renewal if applicable)

Code	Product description	Qty	Unit Cost (BWP)	Total Annual Renewal Cost (BWP)	Total 24 Month Renewal Cost (BWP)
FCCPSR1NVXCIN	F-Secure Client Security Premium Subscription - Renewal for 1 year (100-499)	320			
FCSPSR1NVXBIN	F-Secure Server Security Premium Subscription - Renewal for 1 year (25-99)	60			
ISA-S01-SA11	ISA Annual Service - Access Silver 8/5 Including Unlimited telephonic and email support and 30x Time Units to be used typically for remote support, investigation and remediation	1			
			Total VAT Inclusive		

Solarwinds Licences (two year renewal if applicable)

	Modules	Qty	Unit Cost BWP	Total Cost (1 year Renewal) BWP	Total Cost (2 year renewal) BWP
17171	SolarWinds Network Topology Mapper - Annual Maintenance Renewal	1			
18292	SolarWinds Web Help Desk Per Seat License (6 to 10 named users) - License with 1st-Year Maintenance	10			
18391	SolarWinds Log & Event Manager LEM30 (up to 30 nodes) - Annual Maintenance Renewal	1			
18217	SolarWinds Server & Application Monitor AL150 (up to 150 monitors) - Annual Maintenance Renewal	1			
	Server Configuration Monitor SCM10 (up to 10 Managed Servers) License with 1st-Year Maintenance	1			
18206	SolarWinds Network Performance Monitor SL250 (up to 250 elements) - Annual Maintenance Renewal	1			
	SolarWinds Network Configuration Manager DL50 (up to 50 nodes) – NEW	1			
	Solarwinds Kiwi Log Server	3			
				Total VAT Inclusive	