Independent Communications Authority of South Africa
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APPOINTMENT OF SERVICE PROVIDER TO SUPPLY AND INSTALL 42 NETWORK SWITCHES WITH SUPPORT AND MAINTENANCE FOR A PERIOD OF FIVE YEARS AS WELL AS CISCO ISE LICENSES WITH ONE YEAR SUBSCRIPTION

1. Background

1. To uphold network reliability, mitigate operational risks, and advance IT modernization objectives, IT proposes a strategic investment in 42 Next-generation Cisco switches and Cisco ISE licenses. This initiative replaces unsupported legacy switches with validated, interoperable solutions compatible with our Cisco, Meraki, and ICASA ecosystems. By addressing end-of-life (EoL) vulnerabilities and enhancing security compliance, the upgrade minimizes downtime risks and delivers scalable, future-ready infrastructure for sustained ROI.

2. Scope of work

2.1.   ICASA seeks to appoint a Service Provider to supply, configure, and integrate the complete solution with our current Network Infrastructure (Firewalls, Routers, Wireless Access Point). This must ensure single dashboard visibility and observability via our current Cisco/Meraki Network Dashboard for the new network switches.

2.2.   A The Service provider must provide the following in the proposal

2.3.   All equipment must to be deliver to Centurion Head Office.

2.4.   Configuration of the 7 Network Switch Stacks for the Centurion HO.

2.5.   Configuration of each stack for our regional offices.

2.6.   Integration with our Cisco Meraki Dashboard.

2.7. Deploy the new VMs Cisco ISE (Virtual Appliance)

2.8. Migrate the current Cisco ISE configurations to the new Virtual Cisco ISE environment and all Network device within the current Cisco ISE for device management and control.

2.3. Technical Specifications

The Bidder must provide a datasheet showing the below specifications and itemised quotation

		COMPLY	
	42 NETWORK SWITCHES	YES	NO
	32x 48 PORTS ACCESS LAYER SWITCHES		
1	MS130-48X-HW: Meraki MS130-48X Cloud Managed. 40GE + 8x(2.5GE) 740W PoE Switch (**or Equivalent**)		
2	Maintenance X 5 years 8hrs X 5days Next Business Day		
3	Licences and Support X 5 years		
4	Stacking Cables & SFPs		
5	Installation and configurations		
6	Service Provider: 4hrs response Time		
	8x 24 PORTS ACCESS LAYER SWITCHES		
7	MS130-24X-HW: Meraki MS130-24X Cloud Managed. 40GE + 8x(2.5GE) 740W PoE Switch (**or Equivalent**)		
8	Maintenance X 5 years 8hrs X 5days Next Business Day with 4hrs response time		
9	Licences and Support X 5 years		
10	Stacking Cables & SFPs		
11	Installation and configurations		
12	Service Provider: 4hrs response Time		
	2x 24 PORTS DISTRIBUTION LAYER SWITCHES		
13	C9300X-24Y-M: C9300X 24x25GE SFP+, 715wac PS, (**or Equivalent**)		
14	Licences and Support X 5 years		
15	Stacking Cables		
16.	Stacking Cables & SFPs		
17	Maintenance X 5 years 8hrs X 5days Next Business Day with 4hrs response time		
18	Licences and Support X 5 years		
	Service Provider: 4hrs response Time		

		CISCO ISE VIRTUAL APPLIANCE SUBSCRIPTIONS		
13.		**Virtual Appliance Licenses**		

SKU	Description	Qty	Region
L-ISE-ADV-SUB-1Y-ZA	1-year Cisco ISE Advantage Tier (per VM).	2	South Africa

Endpoint Licenses

SKU	Description	Qty	Notes
L-ISE-EP-SUB-1Y-500-ZA	1-year subscription for 500 endpoints.	1	Pooled licensing shared across nodes.
L-ISE-EP-SUB-1Y-500-ZA	Additional 500 endpoints (future scalability).	1 (optional)	Purchased as needed.

14	**Technical Service Licenses**

SKU	Description	Quantity	Notes
CON-SNTC-1Y-ZA	Smart Net Total Care (24/7 TAC support).	1	Includes software updates and hardware replacement.
PRO-SRV-ISE-40H	Professional Services (40-hour engagement).	1	Deployment, configuration, and training.
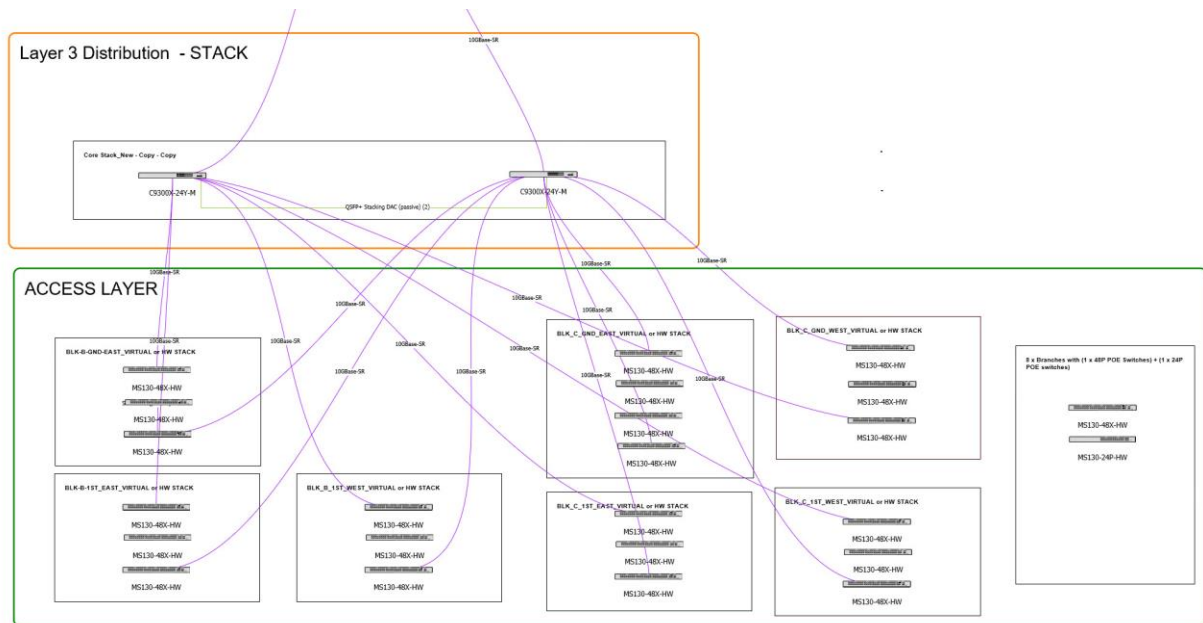
Centurion HO: Access Layer Switch					
Stack Location	No. of Switches	Switch Port	Total No. of ports	Stacking Cables	Fibre Uplink Ports
Finance	4	48	192	4	2x10 GB
Internal Audit	3	48	144	3	2x10 GB
Engineering	3	48	144	3	2x10 GB
Auditorium	3	48	144	3	2x10 GB
IT	3	48	144	3	2x10 GB
PRA	3	48	144	3	2x10 GB
Licensing	3	48	144	3	2x10 GB
Spare	2	48	96	2	2x10 GB
Totals	48 Port Switches		1056	22	
	24				

Centurion HO: Distribution Layer Switch					
Stack Location	No. of Switches	Switch Size	Total Ports	Stacking Cables	Fibre Uplink Ports
DataCenter	2	24	48	2	2x10 GB
Totals	24 Port Switches		1056	22	
	2				

Regional Offices: Access Layer Switch					
Stack Location	No. of Switches	Switch Size	Total Ports	Stacking Cables	Fibre Uplink Ports
Estern Cape	1	24	72	2	
	1	48			
Free Stae	1	24	72	2	
	1	48			
KwaZulu Natal	1	24	72	2	
	1	48			
Limpopo	1	24	72	2	
	1	48			
Mpumalanga	1	24	72	2	None
	1	48			
Northern Cape	1	24	72	2	
	1	48			
North West	1	24	72	2	
	1	48			
Western Cape	1	24	72	2	
	1	48			
Totals	24 Port Switches = 8				
	48 Port Switches = 8				
	16		1056	16	

Grand Total		
24 Port POE Switches	48 Port POE Switche s	Stacking Cables
10	32	42

- **ICASA OFFICES ADDRESSES BELOW**
  - ICASA Centurion Head office, 350 Witch-Hazel Avenue, Eco Park Estate, Centurion
  - ICASA Mmabatho- 761 Dr James Moroka Dr, SABC Broadcast Centre, Mmabatho Unit 1, Mahikeng
  - ICASA Polokwane- Ismini Office Park, 14 Limassol Street, Polokwane
  - ICASA Cape Town, Ground Floor, Knowledge Park 111, Heron Crescent, Century City, Cape Town
  - ICASA Bloemfontein- 184 Nelson Mandela Drive, Park West, Bloemfontein
  - ICASA Kimberley - New office site is being finalised
  - ICASA Durban – New office site is being finalised
  - ICASA Gqeberha– New office site is being finalised
  - ICASA Mbombela– New office site is being finalised

2. Bid evaluation

The bid will be evaluated in four (4) phases as outlined below:

Phase 1: Administrative Compliance
Phase 2: Mandatory requirements
Phase 3: Functional evaluation
Phase 4: Price and Specific Goals Evaluation

Phase 2: Mandatory requirements

The bidders must comply with the following mandatory requirements. Please note that bidders who fail to comply with the mandatory requirements will not be evaluated further, if they do not provide evidence confirming compliance with any of the specified mandatory requirements.

Special Condition

OEM Requirement		
Proof of Original Equipment Manufacturer Relationship (OEM) Valid OEM letter or certificate	Comply	Not Comply
For Non–Cisco/Meraki Requirement	**Comply**	**Not Comply**
Proof of Original Equipment Manufacturer Assurance (OEM) of proposed equipment can be managed and monitored via existing Cisco/Meraki Dashboard. Reference to OEM documentation and links.		
Maintenance for 5 years for 8hrs X 5days	**Comply**	**Not Comply**

Bids who fail to comply with the mandatory requirements will not be further evaluated under Functional Evaluation.

Phase 3: Functional evaluation

Functional evaluation of the bid will be done in terms of the criteria as stated in the table below. Bidders should take note of the Criterion, Weighting & Scoring when responding to this bid.

No	Functionality Evaluation Criteria	Weights	Scoring Criteria
1	Contactable references Service provider to supply three (3) contactable references letters on a company letterhead for similar installation done in the last three (3) years.	**40**	•Three (3) references provided =**5** •Two (2) references provided = **3** • One (1) reference provided = **2** •Irrelevant/no

			reference(s) provided= **1**
2	All requirements as per **2.3. Technical Specifications** above is complied with.	**60**	•Comply to all requirements = **5** • Does not comply with all requirements = **1**
	Total	**100**	

Bidders who score **70** and more out of **100** will qualify for further evaluation in terms of Price and Specific Goals.

Phase 4: Price and Specific Goals Evaluation

Bidders who comply with the requirements of this bid will be evaluated according to the preference point scoring system as determined in the Preferential Procurement Regulations, 2022 pertaining to the Preferential Procurement Policy Framework Act, Act No 5 of 2000.

The maximum points for this bid are allocated as follows:

No	Category	Weight
A.	**Price**	**80**
B.	**Specific goals**	**20**
	TOTAL	**100**