

Annexure A

Scope of work

Bandwidth Optimization Solution

Note to bidders: Under comment, the bidder must either explain the solution or refer to the page on the bid response where this is covered

	Description	Comply		If "Yes" then provide comment
		Yes	No	
1	Automatic passthrough in the event of device failure.			
	Comment:			
2	Ability to inspect and optimise SSL traffic.			
	Comment:			
3	Quality of Service (QoS) Support.			
	Comment:			
4	Microsoft SharePoint and Microsoft CRM Optimization.			
	Comment:			
5	Exchange 2016 pre-population for MAPI and latency mitigation for MAPI over HTTP			
	Comment:			

	Description	Comply		If "Yes" then provide comment
		Yes	No	
6	Automated layer 7 classification of applications.			
	Comment:			
7	Centralised management & reporting of optimised applications with the ability to identify top talkers and potential network constraints. Automated reporting.			
	Comment:			
8	Initially configured to compress Bandwidth up to at least 10 Mbps for the Regions Offices and at least 50 Mbps for Head Office. The appliances must be license upgradeable to at least 50 Mbps for the regional offices and at least 150 Mbps for Head Office.			
	Comment:			
9	SD-WAN functionality			
	Comment:			

The 9 Offices where the implementation must be done:

- Centurion Head Office, Gauteng
- Cape Town, Western Cape
- Port Elizabeth, Eastern Cape
- Durban, KZN
- Bloemfontein, Free State
- Mbombela, Mpumalanga
- Polokwane, Limpopo
- Mahikeng, North West
- Kimberley, Northern Cape

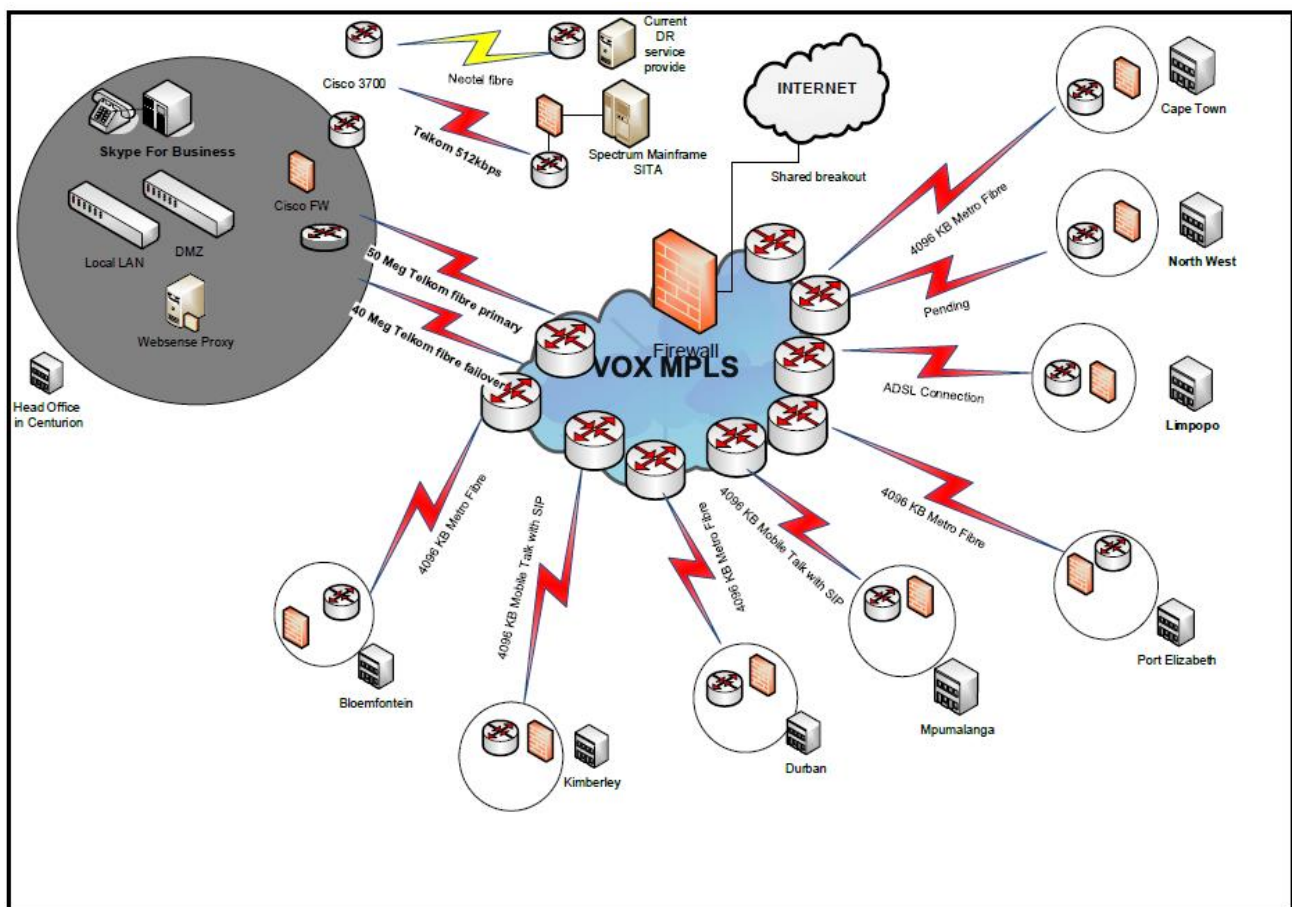
The proposal to include 5 years warranty, maintenance and support SLA directly with the vendor. The SLA will be paid annually.

The supplier must deliver, install and configure the intended appliances at each office.

ICASA currently has an MPLS network between ICASA H/O and the regional offices.

Each site has a CISCO firewall and Cisco router.

The WAN MPLS set-up is as follows.



The scope of this solution is limited to all network links connected to the VOX MPLS network. In particular, the network links to SITA and the DR site are not included.