

Question 1

Will the customer provide the VM infrastructure for the management and reporting platform?

Answer: NO

Question 2

Please also provide us with number of users and bandwidth per site.

Answer: Table 1

NO	SITE	BANDWIDTH	NUMBER OF USERS
1	Head Office 133 Biccard Street	6Mbps	+1500
2	Mastec Head Office	6Mbps	+100
3	Head Office 33 Biccard Street	2Mbps	+200
4	Capricorn District Office – Rent Meester	2Mbps	+50
5	Capricorn North District – Ladanna	6Mbps	+100
6	Sekhukhune East District - Burgersfort	2Mbps	+100
7	Sekhukhune South District - Lebowakgomo	4Mbps	+100
8	Vhembe West - Sibasa	6Mbps	+100
9	Vhembe South - Makwarela	2Mbps	+100
10	Waterberg District - Mogalakwena	6Mbps	+100
11	Waterberg District - Modimolle	6Mbps	+100
12	Mopani East District - Giyani	6Mbps	+100
13	Mopani West District- Tzaneen	2Mbps	+100

Question 3

Regarding the 500GB storage for branch firewalls and 1 TB for Head office, is this a mandatory requirement? will we get disqualified if we propose a dedicated reporting solution rather than local storage?

Answer: Yes, its mandatory & you will be disqualified

Question 4

What Security Management is currently in place as it has been mentioned that we need to integrate with the management platform.

Answer: No Firewalls. Using Symantec Antivirus

Question 5

For central management of devices, will a server be provided as the central management is software.

Answer: Yes

Question 6

On the firewalls, what is the need for 1TB HDD if central management is going to be done?

Answer: these are physical devices therefore this is the minimum requirement

Question 7

“Setup & integrate to centralised Firewall management console” - Do you require the addition of one management console to manage all firewalls? (we recommend it as its best practice)

Answer: Yes

Question 8

“Retain logs, capture passive network traffic / Sandboxing and provide real-time endpoint protection”- DO we need to include separate endpoint protection e.g. endpoint antivirus?

Answer: No

Question 9

Bandwidth/Throughput Requirements (average and peak throughput per site) e.g. 1GBPS ,2GBPS – 250MB?

Answer: Head Offices >5 Gbps up to 16 Gbps

District Offices > 4 Mbps up to 250 Mbps

Question 10

VPN throughput (average & peak).

Answer: Average

Head Offices 26000Mbps

District Offices 3500Mbps

Question 11

Number of Internal and external IP addresses on the network

Answer: Internal 20

External 16

Question 12

Number of networks (physical & virtual--aka VLAN's)

Answer: Physical LAN per site, no VLAN

Question 13

Connection rate (number of new connections/sec).

Answer: Head Office: new connection 468000 per second & concurrence connection 32400000

District Offices: new connection 148000 per second & concurrence connection 6500000

Question 14

Is high availability required

Answer: No but the firewall must able to cater for bypass mode incase its faulty.

Question 15

Is there SD Wan infrastructure existing, overlay and underlay?

Answer: No

Question 16

Will we be managing the Vodacom link?

Answer: Yes

Question 17

What is the current vendor in place-provide serial numbers if possible for all devices

Answer: Dell Servers, Cisco Switches & Cisco Routers (We will give serial number to the bidder awarded)

Question 18

Connections per second (3-7 per user & 1-2 per device)

Answer: yes

Question 19

Maximum number of concurrent sessions over a million?

Answer: Head Offices >1 mil

District offices 100 K

Question 20

What is the current antivirus or Vulnerability solution (do you require firewall integration)

Answer: Symantec, yes firewall integration

Question 21

Is data logging required if so how many logs/second do we need to cater for

Answer: Yes

Question 22

Are firewalls hosted in a DC or onsite? if hosted please specify

Answer: Onsite

Question 23

Number of desired interfaces & Required speed of interfaces (1G, 10G, etc.). 2X 10G SFP?

Answer:

	Head Office	District Offices
Interfaces (I/O)	8x 10M/100M/1000M Ethernet interfaces (RJ-45) 2x 10 GB (SFP+) Ethernet interfaces	x8 10M/100M/1000M Ethernet interfaces (RJ-45)
Management ports	1 x 10M/100M/1000M Ethernet port (RJ-45)	1 x 10M/100M/1000M Ethernet port (RJ-45)
HA Ports	1x HA Ports	N/A
Serial port	1 x RJ-45 console each firewall	1 x RJ-45 console each firewall
USB	1 x USB port Each Firewall	1 x USB port Each Firewall

Question 24

Most used services/applications (traffic blend).

Answer: Transversal Applications, inhouse applications, mail

Question 25

Projected growth (measured in user-count, traffic rate, connections, services, or networks.)

Answer: 10 % projected growth over the next 3 years.