



Request for Quotation (RFQ) for the supply of Network Security Firewall to the CSIR

CSIR RFQ No. 9133/11/03/2019

Date of issue:	25 February 2019
Closing Date and Time :	Monday, 11th March 2019 at 16h30
Contact details and Submission is via email only and sent to:	Submission of quotations or any other enquiries is via email to: tender@csir.co.za
Category	Computer Hardware
CSIR Business Hours	08:00 – 16:30

1 INVITATION FOR QUOTATION

Quotations are hereby invited for the supply of Network Security Firewall to the CSIR.

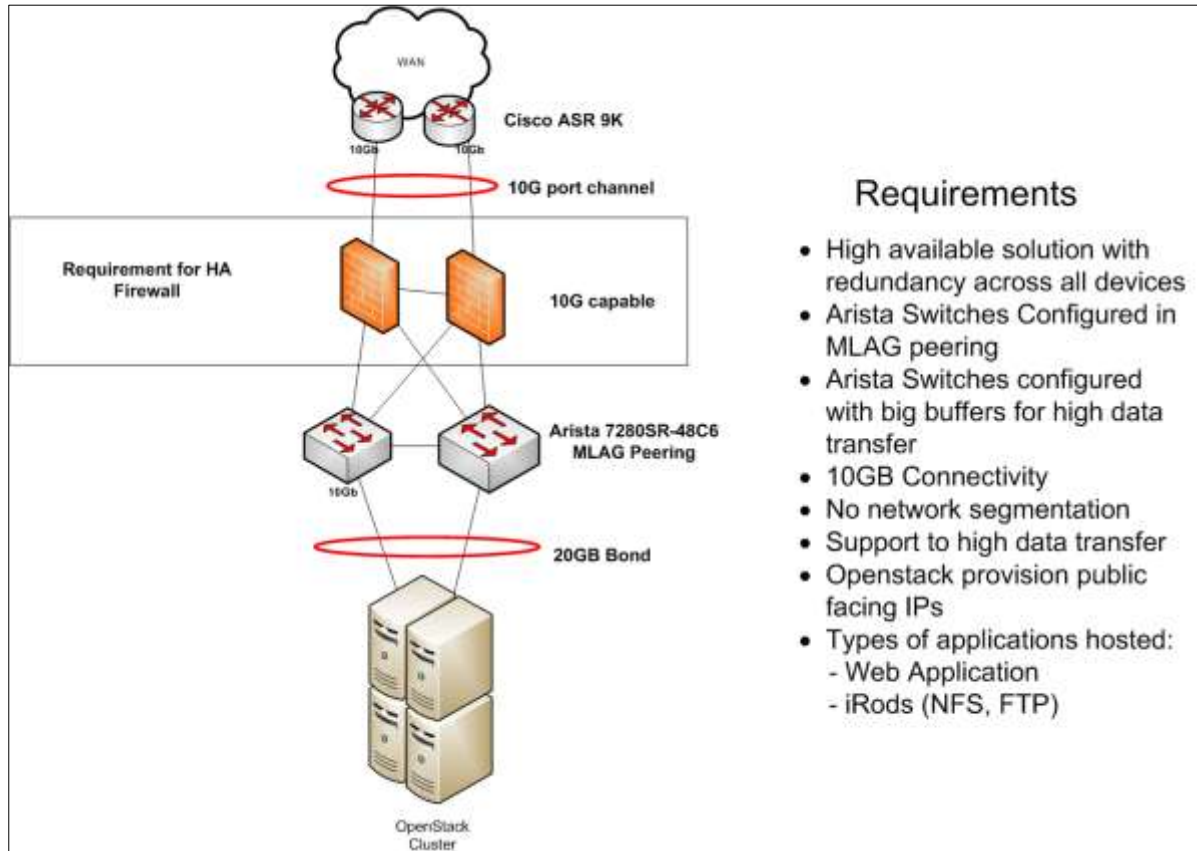
2 QUOTATION REQUIREMENTS

Quotations are required to meet the following specifications of two-paired Network Security Firewalls: delivery, on-site installation, configuration and local post-installation support and maintenance options:

2.1 Network Security Firewall:

This procurement comprises of a Network Security Firewall for a big data throughput solution. The high level diagram where the network security firewalls are required is illustrated in Figure 1. The firewall needs to provide at a minimum 10Gbps throughput to support high data transfer application to storage virtualisation systems such as iRODS.

This is a replacement for an existing Cisco ASA 5585 that is configured in transparent mode as the provisioning of the public-facing IPs are handled by OpenStack. The maintenance and support for the firewall will be considered as current skills within the CSIR have experience of Cisco devices. This will ensure sustainability of the device within the CSIR.



Requirements

- High available solution with redundancy across all devices
- Arista Switches Configured in MLAG peering
- Arista Switches configured with big buffers for high data transfer
- 10GB Connectivity
- No network segmentation
- Support to high data transfer
- Openstack provision public facing IPs
- Types of applications hosted:
 - Web Application
 - iRods (NFS, FTP)

Figure 1: High level design for firewall requirement

Detailed specification for a Network Security Firewall is detailed in 2.2 below.

2.2 Detailed specification:

Description	Part Number	Quantity
Cisco Firepower 4110 ASA Appliance, 1U, 2 x NetMod Bays	FPR4110-ASA-K9	2
SNTC-8X5XNBD Cisco Firepower 4110 ASA Appliance, 1U,	CON-SNT-FPR41GHP	2
Firepower 4000 Series 1100W AC Power Supply	FPR4K-PWR-AC-1100	2
Power Cord Jumper, C13-C14 Connectors, 2 Meter Length	CAB-C13-C14-2M	4

Cisco Firepower Extensible Operating System v2.2 for FPR4000	SF-FXOS4K-2.2-K9	2
Cisco ASA 9.8.2 Software for Firepower 4100 appliance series	SF-F4K-ASA9.8.2-K9	2
Cisco Firepower 4100 Standard ASA License	FPR4100-ASA	2
Cisco Firepower 4100 Strong Encryption (3DES/AES)	FPR4K-ENC-K9	2
10GBASE-LR SFP Module	SFP-10G-LR	8
Firepower 4000 Series SSD for FPR-4110/4120	FPR4K-SSD200	2
Firepower 4000 Series SSD Slot Carrier	FPR4K-SSD-BBLKD	2
1000BASE-T SFP transceiver module for Category 5 copper wire	GLC-TE	2
FPR4K Hardware Accessory Kit	FPR4K-ACC-KIT	2
Firepower 4000 Series Fan	FPR4K-FAN	12
Firepower 4000 Series 1100W AC Power Supply	FPR4K-PWR-AC-1100	2
Firepower 4000 Series Rack Mount Kit	FPR4K-RACK-MNT	2
Firepower 4000 Series Network Module Blank Slot Cover	FPR4K-NM-BLANK	2
Firepower 4000 Series Network Module Blank Slot Cover	FPR4K-NM-BLANK	2

Quotation(s) should include the physical device, on-site installation, configuration, and local post-installation support and maintenance options. The quotation(s) should provide costing for one, three and five years for licensing, post-installation support and maintenance. The duration of five (5) years maintenance and support is preferred.

3 EVALUATION CRITERIA

- 3.1 Selection of suppliers will be based on the 80/20 preference point system.
- 3.2 Indicate valid B-BBEE status on quotation. No B-BBEE status will equal zero points.
- 3.3 A partner/reseller letter of accreditation to indicate relationship level/status with relevant OEM (e.g. bronze, silver, gold), must be submitted with quotation.
- 3.4 Provide at least two relevant references where similar work was done by supplier, excluding the CSIR.
- 3.5 Stock availability and delivery times to be indicated on quotation.
- 3.6 Indicate CSD number (National Treasury Central Supplier Database) on quotation. If not registered yet on CSD, use www.csd.gov.za to register.
- 3.7 No order will be issued or no contract will be signed without a valid CSD number.
- 3.8 CSIR reserves the right to award the RFQ as whole or in parts.

4 PRICING QUOTATION

- 4.1 Price needs to be provided in South African Rand (excl. VAT), with details on price elements that are subject to escalation and exchange rate fluctuations clearly indicated.
- 4.2 Price should include additional cost elements such as freight, insurance until acceptance, duty where applicable, etc.
- 4.3 Payment will be according to the CSIR Payment Terms and Conditions.

5 OTHER TERMS AND CONDITIONS

- 5.1 The supplier shall under no circumstances offer, promise or make any gift, payment, loan, reward, inducement, benefit or other advantage, which may be construed as being made to solicit any favour, to any CSIR employee or its representatives. Such an act shall constitute a material breach of the Agreement and the CSIR shall be entitled to terminate the Agreement forthwith, without prejudice to any of its rights.
- 5.2 A validity period of 90 days will apply to all quotations except where indicated differently on the quote.

6 No goods and/or services should be delivered to the CSIR without an official CSIR Purchase order. CSIR purchase order number must be quoted on the invoice. Invoices without CSIR purchase order numbers will be returned to supplier.

7 Note: This is not a Purchase Order.

8 ANNEXURE A – SBD 1 FORM

(To be completed by supplier and submitted with the quotation, B-BBEE certificate and OEM letter)