

UNLV | PURCHASING & CONTRACTS

ADDENDUM 1 TO REQUEST FOR PROPOSAL 644-RD FOR FIREWALL EQUIPMENT AND INSTALLATION

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Date of Release: June 19, 2015
Date and Hour of Bid Opening: July 7th, 2015 3:00 PM PST

The following questions were raised and are answered below:

Question: UNLV is requesting qty 2 - 10gig SFP+ transceivers. Typically most universities use SFP-10G-SR or SFP-10G-LR transceivers, could we please have clarification on which type of transceiver is required?

Answer: SFP-10G-LR (Single Mode fiber).

Question: The terminologies used in the requirements section seem to be based on a firewall model produced by Palo Alto Networks Inc. In order to respond with the most accurate competing quote using another manufacturer's product, could the bid publishers share the reference bill of materials used to develop the RFP requirements?

Answer: The requirements are stated in Section D, Scope of Services.

Question: Support for SSL VPN is required. This is typically an additional license feature, is it sufficient to state that the device supports SSL VPN or should the respondent provide pricing. If pricing is required, how many simultaneous SSL VPN clients and total SSL VPN clients should the system provide? What term of software maintenance should be quoted for this feature. For example, if the system is licensed to support 1000 SSL VPN users, should respondents include 1 year of software support, 3 years or some other term?

Answer: Yes, the proposer should provide pricing for the VPN licensing, as well as software support for the full 3 years on all equipment being proposed.

Question: The proposal mentions that this firewall will replace redundant firewalls currently in use. Should the respondents provide a quantity of 2 firewalls for the response or qty of 1?

Answer: In Section E, Scope of Services, the Pricing Response Form requests 2 firewalls

Question: 3 week installation and training services – Can the service be performed via a mix of remote and on-site?

Answer: No. All installation and training must occur onsite.

Question: What timeframe will any proof of concept verification take?

Answer: There is no proof of concept model in the RFP. The equipment will be evaluated on the criteria listed in Section B 2.f of the RFP.

Question: Firewall specifications and features – Are these listed as core requirements or as weighted feature preferences? Specifically examples such as:

- i. Ability to make changes to the system without affecting running config with a “commit” type configuration feature
- ii. Ability to view and edit Security Policies from within a single view and manage firewall, application, end user, URL filters, and threat-type policies encompassed into a single rule.
- iii. Support for REST API's
- iv. Provide native network integration with either NSX or NetSec/vCNS API's

Answer: The responses will be evaluated on the completeness of the proposed solution. We understand that some proposed solutions may not be capable of satisfying all of the elements listed. To clarify, item iv. is NOT a requirement of this RFP, but a future feature request that should be supported with the proposed manufacturer.

Question: How many data sources (routers, switches, peripherals, etc.) will be connected to the requested firewall?

Answer: 2 routers to campus, 2 other ISP connections, and a WAN link to Sam Boyd Stadium.

Question: If you are displacing the existing Juniper, will vendors be required to migrate existing policies? If so, approximately how many?

Answer: Yes. This will take place during the on-site installation/cut-over and training period. There are approximately 200 policies and approximately 40 NAT rules.

Question: How many copper gigabit interfaces do they need?

Answer: 4 copper interfaces minimum, ideally 8 (in addition to any HA connectivity).

Question: How many 10Gbps fiber interfaces will they want in the future?

Answer: 2 (two) per firewall.

Question: For the professional services related to the configuration and installation of the firewalls, there is a requirement for the firewall to provide a “guest portal” feature. Could further detail be given on the Guest Portal feature so that we can provide an accurate scope of work for this configuration item? If the feature is only being requested for possible future use but not for implementation as part of the RFP, please specify this as well.

Answer: Currently there is no guest portal today. However, the new solution should provide a mechanism by which unauthenticated users are directed to a captive portal to authenticate before accessing resources across the firewall.

Question: In the following statement can you elaborate on the mobile device management requirements? “Ability to provide mobile security for iOS, Android, Windows, and OS X devices via a VPN technology whereby security enforcement of mobile users will be enforced the same as corporate devices. (up to 1000 mobile devices).”

Answer: Currently there are 50 licensed VPN connections to the Juniper SA2000. The new equipment should be able to provide SSL VPN to replace the current functionality. In addition, the proposed hardware should be able to support mobile platforms as well, and be able to enforce the same protection across those mobile devices as if they were connected to the local network. Any additional licensing for mobile protection should be included in the pricing worksheet, however it may not be purchased as a part of this RFP.

Question: Is two factor authentication a requirement for the above referenced mobile devices? Should the response include tokens and or licenses for the 1000 mobile devices if required?

Answer: No.

Question: In the listed bandwidth requirements what is included in the listed bandwidth requirements? Would that be the combination of all links aggregated (including internet, and inspection on any other required segments (such as a DMZ). “4 Gbit stateful firewall throughput processing with application identification enabled, and at least 2 Gbit with IPS enabled.”

Answer: There is currently 1.5 gig of internet throughput (3 different ISPs), with the plans to move to 10 gig interfaces with the primary ISP (UNLV). There is also a 1 gig metro-E circuit, and 1 gig of DMZ allocated. Average internet throughput from all internet traffic is approximately 200-300Mb, with spikes up to 1 gig during periods where local events/conferences are active at the facility. Although the new network interfaces will be 10 gig physical connections, we only anticipate 4 gigs of peak throughput during the next few years. Proposers may spec out a hardware platform for the full 10gig of throughput if necessary.

ALL OTHER TERMS, CONDITIONS AND SPECIFICATIONS OF THIS REQUEST FOR PROPOSAL REMAIN THE SAME.