



LACKLAND
Independent School District

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REQUEST FOR PROPOSAL FOR FIREWALL

February 22, 2019

District Overview

The Lackland Independent School District (LISD) is a Texas public school district located on the Lackland Air Force Base in San Antonio, Texas. The district serves approximately 1,100 students on two campuses, an elementary school and a junior-senior high school. Both campuses are in one physical location. Our district mission is “Providing world-class instructional programs that promote lifetime success for the military child.” More information about the district and its programs can be found online at <https://www.lacklandisd.net>.

General Information

LISD is accepting proposals to acquire and implement a firewall solution that supports the growing needs of our district as well as our fluctuating student population.

All questions regarding the proposal must be submitted in writing to BOTH of the following:

Dr. Kyle Jones
Director for Technology
jones.k@lacklandisd.net

Mrs. Rebecca Estrada
Chief Financial Officer
estrada.r@lacklandisd.net

Proposals must be submitted by the proposal due date and time. Where applicable, documents must be submitted in either Microsoft Word or Adobe PDF formats. **All other formats will be considered an incomplete proposal.** Lackland ISD will confirm receipt of your bid via email no later than one business day after the RFP deadline.

Please note that LISD is subject to the Texas Public Information Act. Responses submitted to LISD as a result of this request for proposal may be subject to release as public information after contracts are awarded or the procurement is terminated. The district assumes no obligation or responsibility relating to the disclosure or nondisclosure of information as required by applicable law.

Military Installation

LISD is located on a United States Air Force base. As such, all personnel from the vendor involved in the on-site installation and implementation of the firewall will need to pass a background check performed by the base. The district will grant no exceptions to agreed-upon timelines because a vendor employee failed the base’s background check, and the vendor will promptly replace any employees with a failed background check with an individual of equal or superior ability.

Current Infrastructure

LISD currently uses a Cisco Meraki MX400 as a firewall solution. The VPN capabilities of this device are actively used. The district has a 1 Gbps connection to the internet provided over fiber. The district's ISP maintains an active router on campus, and the connection between that router and the MX400 is CAT6 cabling.

Networking equipment on campus is entirely Aruba Networks (Hewlett Packard Enterprise) equipment. Network connectivity between buildings is provided through a combination of 10 Gbps fiber, 1 Gbps fiber, and copper cabling.

Devices connecting to and through the MX400 consist of a mixture of Apple OS, Apple iOS, Windows, and Android devices.

All traffic from both campuses passes through the MX400.

Specifications

Please provide pricing for TWO separate configurations:

- 1. A single active firewall**
- 2. Redundant firewalls running in an active-passive configuration**

The firewall solution must meet the following requirements:

1. Integrate with Microsoft Active Directory/LDAP or Office 365 to associate traffic to the user.
2. Capable of associating specific MAC addresses to a user in order to minimize login requirements.
3. Provides other mechanisms for authenticating/identifying users.
4. Has VPN features that would support up to 10 simultaneous connections.
5. Capable of decrypting both inbound and outbound SSL.
6. Prevent evasive tactics used by software, malware, and hackers to avoid firewall detection.
7. Capable of detecting and/or blocking traffic based on multiple identification schemes. For example, port, protocol, digital signature, etc.
8. Contain IPS, anti-malware, and anti-virus features and scanning, on both encrypted and open traffic.
9. Compatible with VOIP phone systems (ShoreTel/Mitel).
10. Have role-based administration that enable the ability to delete administration tasks.
11. Contain redundant power supplies.
12. Have functionality that detects "zero-day" threats
13. Allow for the creation of security policies based on any combination of date, time-of-day, ingress and egress hardware port, ingress and egress software port, application identification, user identification, and content identification.
14. Have the *potential* for excellent URL filtering capabilities capable of segmenting our elementary from our high school population. (URL filtering is actively handled elsewhere at this time, so additional fees for URL filtering should NOT be present in your proposal.)

15. Have the *potential* for URL filtering that minimizes false positives so that our students are not prevented from reaching needed online resources. (Again, URL filtering is actively handled elsewhere at this time, so additional fees for URL filtering should NOT be present in your proposal.
16. Have granular control that would allow the district to set specific policies based on any combination of date, day-of-week, time-of-day, ingress and egress software port, application identification, user identification, and content identification. For example, the district should be able to set a policy that would allow us to disable internet browsing at night.
17. Extremely broad support for different devices, different firmware on those devices, and different operating system. Apple OS, Apple iOS, Windows, and Android support is required.
18. Can whitelist specific URL's and domains.
19. Capable of complying with CIPA, COPPA, HIPPA, and PCI.
20. Is easy-to-manage with a clean, simple centralized management console.
21. Can maintain 30 days of detailed traffic reporting.
22. Has features to easily "publish" internal servers to clients outside our network.
23. Capable of processing at least 1 Gbps of throughput with all options (i. e. IPS, filtering, etc.) active.
24. Capable of upgrade to processing 10 Gbps of throughput with minimal costs (i. e. purchasing a SFP module).

The district may choose to award portions of the project to multiple vendors if that delivers the best value for the district.

Contract Term

Proposals must include an initial term of one year, with renewal options for up to three additional one-year periods at the district's discretion.

E-Rate Requirements

The district is seeking funds under the USF Program (AKA "E-Rate") for this firewall solution. As such:

1. The bidder must agree to participate in the USF Program (AKA "E-Rate") for the corresponding funding years.
2. The Service Provider Identification Number (SPIN) must be included on your bid.
3. Bidders are expected to provide the lowest corresponding price per E-Rate rules.
4. Bidders must agree to provide the Applicant the choice of discount methods (SPI or BEAR).
5. Bidders must clearly indicate whether individual line items on their proposal are considered eligible services under the USF Program, and must provide a subtotal for eligible equipment, a subtotal for ineligible equipment, and a grand total.
6. Depending on whether or not funding is received, the district may choose to proceed with all, part, or none of the firewall solution, at the district's discretion.

Evaluation Requirement

Per requirement of the USF Program (AKA "E-Rate"), cost will be the most heavily-weighted evaluation criteria. Criteria and their weights are detailed in the table below:

Criteria	Percent
The purchase price	30%
The reputation of the vendor and the vendor's goods or services	10%
The quality of the vendor's goods or services	10%
The extent to which the goods or services meet the district's needs	20%
The vendor's past relationship with the district	15%
The impact on the ability of the district to comply with laws and rules relating to historically underutilized businesses	5%
The total long-term cost to the district to acquire the vendor's goods or services	10%

Timeline

Date	Description
RFP Released	02/22/2019
Last Date for Written Questions	02/27/2019 by 4:00 PM CST
RFP Due	03/23/2019 by 4:00 PM CST
Receipt of RFP confirmed via email	03/24/2019 by 4:00 PM CST

Addendums and Questions

Any addendums to this RFP will be posted on the "Current Projects and RFP's" page of the Technology Department section of LISD's website. This section is located at:

<https://www.lacklandisd.net/departments/technology/current-projects-and-rfps>

Additionally, the responses to any written questions submitted will be posted there as well. Vendors will NOT receive email replies to written questions. All answers to questions will be posted on the website.