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**Request for Proposals #9-019
for
Firewall Replacement**

Prepared by : Technology

**DUE: Tuesday, April 16, 2019
2:00 PM Mountain Time**

Those wishing to bid must submit 5 hard copies and 1 electronic copy on 1 USB drive (you may also submit 1 redacted copy electronically) of the Proposal. It must be received by The Ogden School District Purchasing Department, 1950 Monroe Blvd. Building 1, Room 210, Ogden, UT 84401 no later than 2:00 PM on Tuesday April 16, 2019 and must be labeled RFP #9-019 on the outside of the package.

Ogden City School District

Purchasing Department Room #210

**1950 Monroe Blvd.
Ogden, Utah 84401**

1950 Monroe Blvd., Ogden, UT, 84401-0619
801-737-7300, www.ogdensd.org

Affirmative Action · Equal Opportunity · ADA Employer

General Information

A. Purpose

Ogden School District (the “District” or “OSD”) is accepting proposals from qualified, reputable firms for a Next Generation Firewall upgrade that will meet our specifications listed below. Bids will be evaluated and each requirement will be scored. A higher emphasis will be placed on initial costs, licensing costs, yearly maintenance costs and support costs.

This RFP is designed to provide interested parties with sufficient basic information to submit proposals meeting the minimum requirements, but is not intended to limit a proposal’s content or exclude any relevant proposal. Respondents are at liberty and are encouraged to expand upon the specifications to provide evidence of service capability under any agreement.

B. Background

Ogden City School District has a student enrollment of approximately 12,000 students. The District currently operates fourteen (14) elementary schools, three (3) Jr. High schools, two (2) high schools, and one (1) Alternative high school. District offices and support facilities are located at 1950 Monroe Blvd, Ogden, Utah.

C. General Requirements & Information:

(Hardware meets Specification 20 points)

Vendor will have a Utah presence or will have previously done business with Ogden School District for bid to be considered. Please provide detailed quote for all line items with Description, part number, quantity and amounts separately.

All questions regarding this RFP must be submitted through SciQuest <https://solutions.sciquest.com/apps/Router/SupplierLogin?CustOrg=StateOfUtah>. If any person, submitting a bid is in doubt as to the true meaning of any part of the bid specifications, the vendor may submit a written request electronically through the SciQuest website. Questions and responses will be posted on the SciQuest website. **Questions must be submitted by Thursday March 28, 2019 by 12:00pm.** No other Ogden School District employee, Board Member, or evaluation committee member should be contacted concerning this RFP, during the selection process. Failure to comply with this requirement may result in disqualification.

All products offered in response to this solicitation shall be new, current and in ongoing production; shall have been formally announced for general marketing purposes, shall be a model or type currently functioning in a user (paying customer) environment, and capable of

meeting or exceeding all specifications and requirements set forth in this solicitation. Used, refurbished, demo, prototype or gray market equipment will not be acceptable in this Bid. All products must be supplied through an authorized distribution channel. All products listed below are for reference only and any equal or greater product from any vendor can be substituted. Ogden School District (OSD) is looking for a redundant Next Generation Firewall(NGFW) that will identify all applications, on all ports, all the time and uses the application as the basis for security policy decisions on a per user basis. The Firewall system should identify all users based on integration with Microsoft Active Directory. The NGFW should be able to block and prevent known threats, exploits, malware, ransomware, spyware across all ports for all users or attackers.

Suggested Types of Equipment and Services:

- Next Generation FireWall(NGFW) with redundant AC power supplies in a High Availability Pair in either Active/Active or Active/Passive with all licensing or Equivalent or better.
- Quantity 14 SFP+ 10 GigE SR transceiver (7 per device) or Equivalent or better.
- Licensing and Support for Threat Prevention, URL Filtering, Hardware Support for HA Pair, Licensing, and any other licensing, software, or services to create a fully supported system or equivalent or better.

The NGFW solution must meet or exceed the following Feature and specifications:

- High Availability(HA) pair in either Active/Active or Active/Passive.
- HA failure detection and monitoring.
- NGFW with data throughput must meet or exceed 35 Gbps with application and user identification enabled.
- Threat Protection throughput must meet or exceed 19 Gbps including IPS, Antivirus, Antispyware, URL Filtering, etc enabled.
- Virtual Private Network(VPN) capability using IPSec, SSL or other secure methods.
- Web Content Filtering and URL Filtering.
- Anti-Spam/Anti-Virus detection.
- Decryption of all SSL traffic and applying security policies to that traffic.
- Approximately 30 day log of all traffic stored on device and easily searchable.
- Fully CIPA, COPPA, HIPPA and PCI compliant.
- Ability to identify the application regardless of the port, encryption, or evasive techniques regardless of the IP port.
- Integrates with Microsoft Active Directory for user identification and admin authentication.
- Supports both IPV4 and IPV6.
- Supports both Layer 2 and Layer 3.
- Ability to use VLAN Tagging per Interface(802.1q).
- Ability to Aggregate Links using Link Aggregation Control Protocol (LACP or 802.3ad).
- The use of Transparent Mode, DMZ, or separate security zoning to enhance security posture.
- Supports OSFP, BGP, RIP and Static Routing.
- Supports Multicast routing.

- ❑ Network Address Translation(NAT) should support Static IP, Dynamic IP, and Dynamic IP & Port address translation.
- ❑ Support for min 7 million concurrent sessions and 300,000 new sessions per second.

NGFW Minimum Hardware Specifications:

- ❑ Dual Power Supplies per device
- ❑ Must support minimum of 16 10 GB links via sfp+ port per device.
- ❑ Storage capacity minimum 2TB

D. Implementation Services:

(Evaluation of Project Plan and Implementation 20 points)

- A project timeline on installation and implementation of the quoted system.
- The appropriate amount of labor to integrate the replacement of the old firewall devices with the new firewall solution.
- Onsite configuration, Testing, Staging and Configuration of the devices into the network using district provided configuration information. See current configuration below.

Current Configuration:

OSD currently uses redundant Palo Alto 5020's in an Active/Passive state. See Map Below. There are multiple 1GB connections some of which are LAG/LACP connections. All connections will be upgraded to 10GB.

Between Inside Router and Firewall:

- There are Four 1GB ports in a LAG/LACP for traffic to outside which need to be upgraded to single 10GB connection per device.
- There are Four 1GB ports in a LAG/LACP for traffic to the Datacenter which will be upgraded to a single 10Gb connection per device.
- There is a single 1GB connection for the BYOD network which will be upgraded to a single 10GB connection per device.

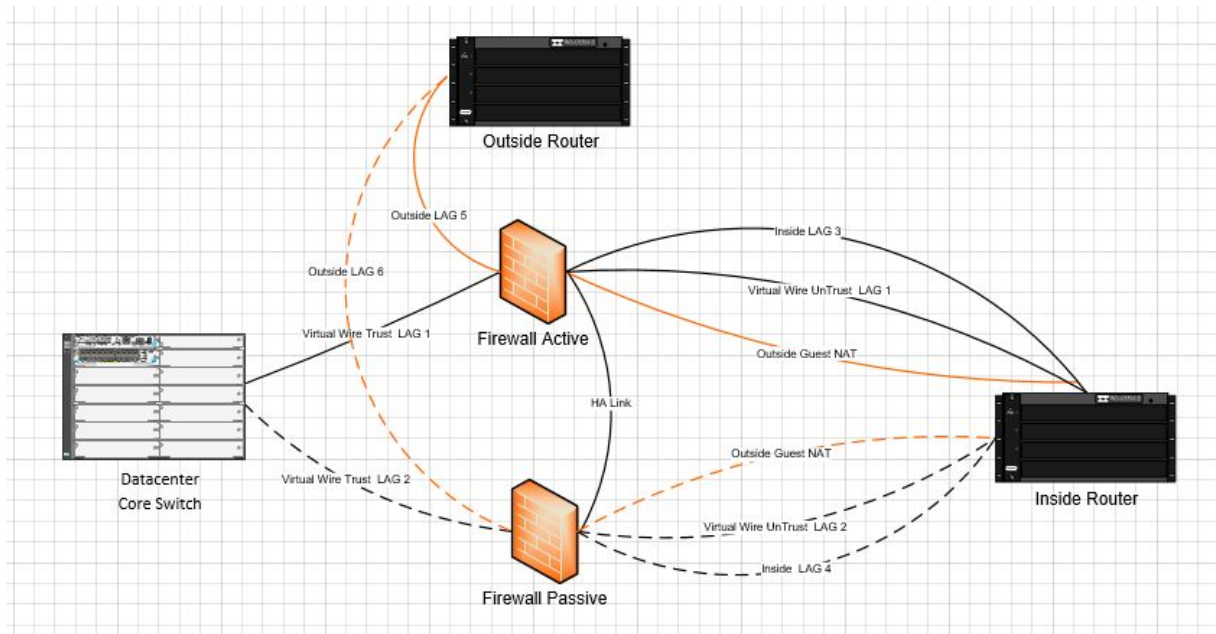
Between Outside Router and Firewall:

- There are Five 1GB ports in a LAG/LACP which need to be upgraded to single 10GB connection per device.

Between the DataCenter and firewall.

- There are Four 1GB ports in a LAG/LACP which need to be upgraded to single 10GB connection per device.

Map of layout:



The implementation could include the transfer or setup following:

- All current security policies(about 110),
- All current NAT rules(about 45),
- All SSL Decryption,
- All named addresses and groups,
- All Application Groups and Filters,
- All Service Groups and Filters,
- All Security Profiles(about 6) which can include
 - Antivirus,
 - Antispyware,
 - Vulnerability,
 - URL Filtering
 - DoS Protection,
- All Scheduling,
- All Interface, DMZ, and Zone setup,
- All static routing,
- All VPN Portals,
- All Client VPN Software,
- All 21 DHCP Scopes,
- Active Directory Integration including User Identification,
- High Availability,
- Certificates,
- Logging,
- Software/Firmware updated
- And the equivalent or better security posture level of the current firewall system.

E. Proposal Considerations:

(Perception of Vendors Ability to Deliver and Implement Firewall 10 points)

Respondents should give consideration to the following in putting together their proposal:

1. **Demonstrated ability:** The responder will have demonstrated ability providing hardware in the quality and quantity requested in this RFP. Responder shall list at least 3 previous examples of satisfying an order of this size or larger. Please include name and contact information.
2. **Timeline of delivery:** The responder will provide an approximate delivery time table for complete order to arrive at the District once purchase is finalized.
3. **After sale support:** The responder will describe their ability to support the District after the sale is completed. Specify warranty support on the new equipment and other sales needs the District may have in response to this purchase.
4. In order to be considered, respondents must have local (Utah-based) sales and support resources or have previous relations with the Ogden School District.

F. Proposal Response:

(Overall Qualifications, experience 10 points)

Each respondent should set forth its most compelling case for being selected to provide services requested in this RFP. All proposals must be organized and tabbed with the following sections in this order:

1. Transmittal Letter & Executive Summary (2 pages Maximum)
The letter of transmittal should include: a) an introduction of the firm, including name, address, telephone number and email address of primary contact and others authorized to deal with this proposal response; b) A general statement of interest and what sets your firm and product apart from other potential respondents.
2. Detailed Discussion
This section constitutes the major portion of the proposal and must address items delineated in Section C and D above and also include responses to listed items in section E above.
3. Protected / Proprietary Information
The Government Records Access and Management Act (GRAMA), UCA § 63G-2-305, provides in part that:
The following records are protected if properly classified by a government entity:
 - (1) trade secrets as defined in Section 13-24-2, the Utah Uniform Trade Secrets Act, if the person submitting the trade secret has provided the governmental entity with the information specified in UCA § 63G-2-309 (Business Confidentiality Claims);
 - (2) commercial information or non-individual financial information obtained from a person if: (a) disclosure of the information could reasonably be expected to result in unfair competitive injury to the person submitting the information or would impair the ability of the governmental entity to obtain necessary information in the future; (b) the person submitting the information has a greater interest in prohibiting access than the public in obtaining access; and (c) the person submitting

the information has provided the governmental entity with the information specified in UCA § 63G-2-309;

** * * * **

And

(6) records, the disclosure of which would impair governmental procurement proceedings or give an unfair advantage to any person proposing to enter into a contract or agreement with a governmental entity, except, subject to Subsections (1) and (2), that this Subsection (6) does not restrict the right of a person to have access to, after the contract or grant has been awarded and signed by all parties.

Pricing may not be classified as confidential or protected and will be considered public information after award of the contract.

Process for Requesting Non-Disclosure: Any Offeror requesting that a record be protected shall include with the proposal a Claim of Business Confidentiality. To protect information under a Claim of Business Confidentiality, the Offeror must complete the Claim of Business Confidentiality form with the following information:

1. Provide a written Claim of Business Confidentiality *at the time the information (proposal) is provided to the state*, and
2. Include a concise statement of reasons supporting the claim of business confidentiality (UCA § 63G-2-309(1)).
3. Submit an electronic “redacted” (excluding protected information) copy of the proposal. Copy must clearly be marked “Redacted Version.”

An entire proposal cannot be identified as “PROTECTED”, “CONFIDENTIAL” or “PROPRIETARY”, and if so identified, shall be considered non-responsive unless the Offeror removes the designation.

Redacted Copy: If an Offeror submits a proposal that contains information claimed to be business confidential or protected information, the Offeror must submit two separate proposals: one electronic redacted version for public release, with all protected business confidential information either blacked-out or removed, clearly marked as "Redacted Version"; and a non-redacted version for evaluation purposes, clearly marked as "Protected Business Confidential."

All materials submitted become the property of Ogden School District. Materials may be evaluated by anyone designated by the District as part of the proposal evaluation committee. Materials submitted may be returned only at the District’s option.

G. Fee Proposal and Fee Schedule:

(Fee proposal 40 points)

(Separately Sealed envelope) If bid is not separately sealed from the technical proposal, it will be deemed non-responsive.

- The fee proposal should include a clearly delineated cost breakdown.

- Any variable costs and options should be included in the fee proposal and designated appropriately.
- Please provide separate quotes for the following years of support. Specifically 1, 3, and 5 years of annual or ongoing support costs such as Licensing, Threat Prevention, URL Filtering, Hardware, and any other licensing, software, or services to create a fully supported system or equivalent or better.

H. Evaluation Criteria

The proposal will be analyzed and respondents may be requested to respond to a committee of District officials for any clarifying questions regarding the RFP or proposed equipment. The District reserves the right to accept or reject any proposal. It is also the right of the District to waive any formality or technicality if determined to be in the best interest of the school district.

Evaluation Rubric

Hardware meets Specification (Section C)	20 points
Evaluation of Project Plan and Implementation (Section D)	20 points
Perception of Vendors Ability to Deliver and Implement Firewall (Section E)	10 points
Overall qualifications, experience (Section F)	10 points
Fee Proposal and Fee Schedule (Section G)	40 points

Award shall be made to the respondent deemed most capable of providing the system and support deemed to most effectively meet District needs taking into account the proposals and evaluation factors here outlined.

I. Terms of Agreement:

All recommendations from the selection committee are subject to board approval. Once the Board has approved the recommendation, the district may then enter into a contractual agreement with the selected vendor. The Board of Education of Ogden City School District reserves the right to reject any or all bids or to waive any information or technicality in any bid in the interest of the Board of Education of Ogden City School District.

J. Standard Contract Terms and Conditions

Any contract resulting from this RFP will include, but not be limited to, Ogden School District's Standard Contract Terms and Conditions attached. Offerors requesting exceptions and/or additions to the Standard Terms and Conditions, as set forth in this RFP, must include the exceptions and/or additions with the proposal response. Exceptions and/or additions submitted after the date and time for receipt of proposals will not be considered. Ogden School District reserves the right to negotiate or refuse any exceptions and/or additions.

K. Due Date

To qualify as a responsive proposal, five (5) hard copies of the proposals and one (1) electronic copy on a 1 USB drive of the proposal must be received by the office of Ken Crawford, Director of Purchasing, (1950 Monroe Blvd., Building 1 Room 210, Ogden, Utah 84401) no later than 2:00 PM Tuesday, April 16, 2019. Please reference RFP #9-019 and Vendor Name on the outside package label.