



**Nampa School District No. 131
Request for Proposals
Network Firewall & Security Appliance**

General Proposal Conditions & Requirements

1. Proposals will be accepted by Nampa School District No. 131 until 2:00 pm local time Thursday, February 8, 2018, for a **Network Firewall and Security Appliance**. Proposals should be sent to:

Clerk of the Board
Nampa School District No. 131
619 South Canyon St.
Nampa, ID 83686

All proposals should be submitted in a sealed envelope or other container. Such envelope/container should be clearly marked "**Proposal: Network Firewall and Security Appliance.**" A cut-out label is provided for bidder convenience with this packet; bidder may or may not use this label at its own discretion. Proposals may also be submitted in person at the address listed. Bidders are encouraged to verify receipt by the District of any proposal.

Proposals received after the stated date and time will not be considered and will be returned unopened to the sender. Proposals may be withdrawn or amended prior to the due date and time, either in person or by written request. No proposal may be withdrawn after the time of opening.

At the stated date and time, the proposals will be publicly opened. Proposals will be evaluated and a recommendation for project award made to the Board of Trustees.

2. Questions regarding proposal procedures or specifications must be received by 5:00 pm, Friday, February 2, 2018. Questions may be submitted

by email to:
bids@nsd131.org

by postal mail to:
Nampa School District No. 131
619 South Canyon St.
Nampa, ID 83686
Attn: Scott Jacobsen

Any inquiry should be clearly identified as pertaining to this request for proposal.

All submitted inquiries and subsequent responses will be publicly posted on the District's website as an Addendum to the proposal specifications. This addendum document may be found on the District website at goo.gl/4DLyWE; interested parties are encouraged to regularly check for addendum updates, as notification of updates will not necessarily be provided to any party.

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3. In submitting a proposal, a bidder represents that it has read and understands the requirements for the goods and/or services being requested, including applicable laws and regulations. The failure of any bidder to examine any form, addendum, or other document shall in no way relieve the bidder from any obligations with respect to the proposal or any resulting contract.
4. All respondents must be registered, approved vendors with the USAC, have a Service Provider Identification Number (SPIN) and be capable of providing E-rate services, including Service Provider Invoicing (SPI) billing.
5. The proposal must adhere to the District Network Engineer's network design standards, "Nampa School District Data Cable Plant Specification," in addition to the project-specific specifications detailed herein. This document may be retrieved from the district website at goo.gl/pN9bJE or by contacting the District.
6. Proposal pricing shall include all applicable shipping, handling, installation, labor, and other costs necessary to deploy the equipment within the District, at an address to be specified by the District. Proposal pricing should not include any sales, excise, or other taxes from which the District would be exempted.
7. The proposal must be signed, in ink, by a representative of the bidding company who is authorized to legally obligate the bidder.
8. The project may be wholly or in part contingent upon successful attainment of E-Rate funding; as such, the District reserves the right to cancel the project should adequate E-Rate funding not be successfully attained.
9. Proposal pricing is to be held firm for one (1) year from the submission deadline.
10. The District reserves the right to accept or reject any and/or all proposals or portions thereof, and to waive any technicality should such be deemed in the best interest of the District.
11. Objections to specifications or procedures or protests of award may be lodged as stipulated under Title 67, Chapter 28, Idaho Code. Written objections to specifications or procedures must be received by the Clerk of the Board no less than one (1) business day prior to the date and time at which proposals are due. A bidder who wishes to object to the project award must do so within seven (7) calendar days of the posting of the award. This objection should be submitted to the District's coordinating party as listed in the publicly posted proposal documents. This objection must set forth the express reasons(s) for the objection and why the award has been made in error. Upon receipt of a proper objection, the governing party for the proposal in question will stay its award decision and any procurement under the award until it has addressed the particular objection(s) submitted. This governing party will review its decision and will determine to (1) affirm the award, (2) modify the award, or (3) repeat the proposal process, setting aside its award, and will set forth the reasons therefor. After completion of the review process, the District may proceed as it deems in the best interest of the District.

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Project and Proposal Specifications & Requirements

1. For reference, the District is currently using a Sonicwall SuperMassive 9400; this firewall appliance has been determined to be no longer adequate for District web firewall and security requirements.
2. The proposed appliance must meet or exceed the following requirements:
 - a. Feature Set - Firewall must have the following features or services:
 - i. IPS (Intrusion Prevention Services)
 - ii. Gateway Anti-Virus Protection for HTTP, HTTPS, FTP, SMTP, IMAP, CIFS, TCP/UDP Streams
 - iii. Anti-Malware Protection for HTTP, HTTPS, FTP, SMTP, IMAP, CIFS, TCP/UDP Streams
 - iv. Anti-Spyware Protection for HTTP, HTTPS, FTP, SMTP, IMAP, CIFS, TCP/UDP Streams
 - v. Geo-IP Filtering
 - vi. Botnet Filtering
 - vii. Content Filtering capable
 - viii. DPI-SSH/SSL packet inspection
 - ix. SSL VPN Services
 - x. IPSec VPN Services
 - xi. PBR (Policy Based Routing)
 - xii. Application Filtering Services with the ability to selectively block onion router technology and other VPN or proxied traffic.
 - xiii. LDAP/Active Directory integration
 - xiv. SAML 2.0 SSO compliant
 - xv. OOBM (Out of Band Management) connection with assignable IP address
 - xvi. SNMP v3 on all interfaces and VPN tunnels
 - xvii. HTTPS configuration GUI interface
 - xviii. SYSLOG trap generation to external SYSLOG system
 - xix. Real time packet monitoring with filters
 - xx. At least 8 10G SPF+ ethernet interfaces
 - xxi. At least 4 40G QSPF+ ethernet interfaces
 - xxii. At least 8 100/1000 BaseT ethernet interfaces
 - xxiii. 802.1q VLAN tagging up to 4094 tags per interface
 - xxiv. Policy based QoS
 - xxv. Policy based NAT with up to a 16,000 rule capacity
 - xxvi. High Availability capable
 - b. Performance - Firewall throughput shall meet or exceed the following:
 - i. New connections per second - 460,000
 - ii. Maximum Sessions - 32,000,000
 - iii. Throughput with Application Filtering and user ID features enabled - 72 Gbps.
 - iv. Throughput with Application Filtering, IPS, Gateway Anti-Virus, Anti-Malware/Spyware, and user ID features enabled - 30 Gbps.
 - v. IPSec VPN throughput - 20 Gbps.
 - vi. Maximum concurrent SSL decryption sessions - 3,200,000.

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- c. Logging and Reporting - Firewall shall provide the following logging and reporting features:
 - i. Programmable notifications for system, network, VPN, authentication, policy, and filtering events.
 - ii. Notifications via e-mail and/or SMS text to multiple destinations.
 - iii. Notifications in real time via the administration GUI with filtering.
 - iv. Historical reporting for all services and features up to 30 days.
 - v. The ability to off-load historical reports to external system.
 - d. Software and Firmware Updates - The firewall shall have the ability to easily roll back to previous firmware and configurations.
 - e. Power - The Firewall shall have redundant 120 VAC power supplies.
 - f. Rack Mountable - The Firewall shall include the appropriate hardware and be mountable in a standard 19-inch relay style rack.
 - g. Interfaces - The Firewall shall include the following SFP+ modules:
 - i. SFP+ 1310nm LR Single Mode 10Gb duplex fiber optic - Quantity 3
 - ii. SFP+ 850nm SR Multi Mode 10Gb duplex fiber optic - Quantity 1
3. All proposed equipment must be new (never used).
4. Proposal should include optional services:
 - a. Installation, configuration, and deployment of the hardware
 - b. Training for staff
- These optional services should be listed and priced separately from the base equipment. District shall hold the option to engage the winning bidder to provide these separate services.
5. All proposed equipment should have manufacturer support available through at least 2024, including software, firmware, and security updates. Bidder should include a copy of the manufacturer's warranty, with particular attention to device replacement in the event of appliance failure.
6. Proposals should include the contact information for three reference K-12 Education customers of similar size, which have had the proposed equipment in use for at least one (1) year. Specific inquiries will be:
 - a. A brief description of firewall needs and system demands.
 - b. The performance of the deployment in meeting those needs, with details as to deficiencies or performance exceeding expectations.
 - c. Does the deployment accommodate network connection demands for multiple devices per person?
 - d. Would the client purchase the same solution again? With what adjustments?

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Sealed Bid Label—Cut Out

This label may be cut out along its border and affixed to the sealed envelope/package, to assist the bidder with the proper submission of its sealed bid. Use of this label is not required; it is provided as a convenience to bidders. If the label is not used, bidders should take care to see that the envelope or container is clearly marked with its company name and return address, properly addressed for delivery, featuring the title of the proposal being submitted as well as the words “Sealed Proposal – Do Not Open” prominently marked on the container.

Should the sealed envelope or other container be enclosed within a shipper’s container, the outside of said shipper’s container should be marked with “Sealed Proposal Enclosed”.

No responsibility will attach to the school district or any district employee for the pre-opening of, post opening of, or the failure to open a proposal not properly addressed and identified.

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| <p><i>Bidder Name & Address</i></p> <hr/> <hr/> <hr/> <hr/> <p>SEALED PROPOSAL – DO NOT OPEN Proposal: WAP Equipment & Installation Opening date/time: February 8, 2018 at 2:00 pm</p> <p>Tammy Wallen, Clerk of the Board Nampa School District 619 S. Canyon Street Nampa, ID 83686</p> |
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