

# Genesee Joint School District No. 282

P.O. Box 98 • Genesee, Idaho 83832

Phone (208) 285-1161

FAX (208) 285-1495

## Trustees:

Kim Johnson  
Jim Hermann  
Alan Krick  
Jennifer Parkins  
Harlan Zenner

Superintendent:  
Wendy J. Moore

Principal:  
Kelly Caldwell

Counselor:  
Jon Scriptor

Clerk:  
Melissa Lindquist

## Section 1: Introduction

The Genesee Joint School District #282, hereafter referred to as Applicant, is requesting proposals for a replacement of the district's firewall. The device will replace the existing firewall with a next-generation firewall (NGFW) meeting or exceeding the specifications as described in **Section 4** below. The proposed solution should include installation, configuration and migration services, centralized management (cloud, virtual, or physical), and redundancy of service wherever possible. All equipment and cabling should be fully compatible with existing district systems (Juniper switching, Cisco Meraki wireless, ENA SmartVoice VoIP, etc.)

## Section 2: Request for Proposal (RFP) Timelines

1. Applicant will file FCC Form 470 and open the RFP window on Monday, February 27<sup>th</sup>, 2023.
2. Questions from Respondents regarding the RFP may be submitted any time between the opening of the RFP window and 3:00 PM (PST) on Monday, March 6<sup>th</sup>, 2023. Answers to Respondent questions will be posted as an addendum to the RFP by 3:00 PM (PST) on Tuesday, March 7<sup>th</sup>. Questions may be directed to:

Jim Bayer  
Technology Director  
Genesee Jt. School District  
(208) 285-1161 x4006  
[jbayer@sd282.org](mailto:jbayer@sd282.org)

3. Due to the deadline for the Applicant to select a winning Respondent and file an FCC Form 471, no modifications or changes to the Applicant FCC Form 470 will be considered.
4. **Completed RFPs must be received on or before 3:00 PM (PST) on Monday, March 27<sup>th</sup>, 2023.**

### Completed RFPs may be emailed or mailed to:

Melissa Lindquist  
Clerk of the Board  
Business Manager  
Genesee Jt. School District  
PO Box 98  
Genesee, ID 83832  
[mlindquist@sd282.org](mailto:mlindquist@sd282.org)

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## Section 3: School District Overview:

The Genesee Joint School District is located at 330 W. Ash St., Genesee, ID 83832. We are a comprehensive Public K-12 district serving 300+ students in a 1:1 technology environment. Our school building is all inclusive, meaning that there are no WAN or point to point VPN links that need to be supported.

## Current As-Is Environment

The Applicant is currently under contract with Ziplly Fiber for 500MB fiber internet service. There are no foreseeable plans to change internet providers or service levels. The current firewall is a Sophos SG430 appliance running UTM9. In addition to basic firewall security, it is also providing Intrusion Prevention (IPS), Network Address Translation (NAT), routing, DHCP, and Virtual Private Network (VPN) services. The ISP Demarcation Device for internet traffic is a RAD ETX-203AX with 2 Gigabit SFP ports (one in use for ISP uplink) and 2 Gigabit ethernet ports (one in use for LAN downlink). The LAN connection for the firewall is made through a Juniper EX4300-48MP switch with 1G ethernet, 10G ethernet and 40G QSFP+ ports available.

## Section 4: Scope of Services

1. Applicant is seeking proposals to replace our existing firewall. Implementation is planned to begin on or after July 1<sup>st</sup>, 2023, dependent upon and in compliance with E-Rate guidelines, schedules, and funding approval.
2. Proposed solution must be compatible with existing network infrastructure, wireless, and VoIP equipment, as no additional provisions for switching/routing/firewall equipment is being requested in this proposal.
3. Proposed hardware should be current generation and have a minimum support lifecycle of at least five (5) and preferably seven (7) years. Bids should be based on a three (3) year term for acquisition with both one (1) year and three (3) year support contract extensions available, if possible.
4. Hardware Specifications:
  - a. Sufficient CPU/RAM/SSD storage to operate at sustained peak levels of usage required.
  - b. Minimum of four (4) 1GB capable RJ45 ports. Multigigabit ports (1G/2.5G/5G/10G) preferred, but not required. Power over ethernet not required, but if included would prefer 802.11at (PoE+).
  - c. Minimum of one (1) enhanced small form-factor pluggable 10G port (SFP+) required. Four (4) SFP+ ports would be preferred.
  - d. Redundant AC power supplies preferred, but not required. Please include redundant power supplies if available.
  - e. 1U Rack mount preferred, but not required.
5. Performance Specifications:
  - a. Firewall Performance – 5Gbps minimum
  - b. IPS Performance – 1Gbps minimum
  - c. VPN Performance – 1Gbps minimum
  - d. Concurrent sessions – 100K minimum
6. Feature Specifications:
  - a. Microsoft Active Directory/Azure Active Directory integration for management and user-based rules/policies is required.
  - b. Firewall rules/policies should be configurable by application, by port, or both.
  - c. TLS/SSL-Encrypted traffic inspection required.

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- d. DNS “black hole” routing or equivalent threat mitigation capability required.
  - e. One-to-one and One-to-many Network Address Translation (NAT) required.
  - f. Per device and per interface VLAN tagging support required.
  - g. IPsec VPN support required.
  - h. **Please Note: Some of the requested features may not be E-Rate eligible. It is the responsibility of the Respondent to itemize all costs and designate non-eligible E-Rate items so the Applicant can properly file FCC Form 471.**
7. Design, Installation, and Configuration Services
- a. Identify device(s) and cabling needed to implement solution. If there are unique cable specifications needed, please include the cost of acquisition in the proposal.
  - b. Install device(s) and cabling as designed.
  - c. Configure device(s) to replicate the existing firewall configuration as close as is reasonably possible. Configuration settings include, but are not limited to – NAT, PAT, interfaces and routing, VLANs, IPS, firewall rules and policies, event logging.
  - d. The Applicant will be responsible for “cleaning up” any legacy/unused firewall rules/policies and making/preserving a backup of the existing topology and firewall configuration if needed to perform an emergency “rollback”.
  - e. Perform comprehensive post-installation and configuration testing to verify that all core mission critical systems and resources are accessible, all implemented feature sets are working as expected, and that client endpoints have functional access to the internet.
  - f. Provide documentation and training on the operation and maintenance of all equipment, including GUI/CLI configuration and management, as appropriate.
8. General Terms for All Proposals
- a. **Failure to include or address requested information may be grounds for disqualification**
  - b. References
    - i. Respondent must provide at least three references from current or recent customers, preferably K-12 customers and projects equivalent to the size of this project.
  - c. E-Rate Program Integrity Assurance (PIA) Review
    - i. Respondent must agree in writing to this PIA Review section with a yes or no answer in their proposal. Answering no or failure to answer is grounds for disqualification.
    - ii. When the Applicant is contacted for a PIA review, the Respondent will promptly provide the Applicant with information requested as part of PIA review.
    - iii. The Applicant may seek assistance from the Respondent to respond adequately to a PIA review. Upon approval from the Applicant, the Respondent may contact and speak directly with the PIA reviewers.
    - iv. For all responses that include special construction or design and installation services, the Respondent agrees to, by submitting its bid, produce all labor, materials and other cost information requested during a PIA review.
  - d. Funding Availability and Notice to Proceed
    - i. The Applicant will follow the purchasing policies of its school board policies, Idaho state procurement laws, and requirements of the FCC’s E-Rate program as administered by the Universal Service Administrative Company (USAC) to be eligible for all available funding.
    - ii. The Applicant’s acceptance of a proposal, signing of contracts, and the initiation of work is dependent upon E-Rate funding for this project. If E-Rate funding is not secured, the school district will review its funding options in consultation with the Respondent who was awarded the bid.

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- iii. The Applicant will issue a letter to the vendor as a notice to proceed; **USAC E-Rate funding notifications to either the Applicant or to the Respondent do not alone signify a notice to proceed.**
- iv. If E-Rate and/or other funding sources are not secured, the Applicant will have the right to allow the contract to expire and will notify the Respondent of its intentions.

Superintendent:  
 Wendy J. Moore

## Section 5: Evaluation Criteria

Principal:  
 Kelly Caldwell

Counselor:  
 Jon Scriptor

Clerk:  
 Melissa Lindquist

% Weight	Criteria
25%	<p><b>Total Costs:</b> Total cost of ownership over life of project. Total cost of ownership takes into account all one-time, non-recurring and recurring costs. The proposal must clearly identify the E-Rate eligible and ineligible costs and the recurring and non-recurring costs. Pricing must include significant discounts, savings and cost-effective advantages for the school district.</p> <p>E-Rate eligible costs: All costs for the recurring and non-recurring E-Rate eligible components of the proposed service are clearly identified. Note that E-Rate eligible costs refer to the pre-discount cost of the solution, not the post-discount portion of costs that are the responsibility of the school district.</p> <p>E-Rate ineligible costs: All costs for the recurring and non-recurring ineligible components of the plan are clearly identified.</p> <p>Costs should be by type of equipment or service as its own line item and allocated to each E-Rate eligible school rather than aggregated as one district total.</p>
20%	<p><b>Technical Quality:</b> Complete and concise response proposing a quality system to provide reliable, consistent, scalable service and products; proposed solution clearly meets the school district's needs within available district resources; all proposed equipment and services meet or exceed industry standards and specifications.</p>
20%	<p><b>Service &amp; Support:</b> Respondent has staff, resources, and ability to provide prompt responses to issues and inquiries; vendor can complete work within E-Rate and school district timelines; direct access by district staff to customer support for routine and emergency situations.</p>
20%	<p><b>Experience &amp; Knowledge:</b> Company background and three references clearly demonstrate strong knowledge of technology relevant to this project and successful relationships with K-12 school districts, E-Rate and similar-sized projects; Respondent is stable, financially sound and well-established in the industry.</p>
10%	<p><b>Contract Terms and Conditions:</b> Terms are compatible with school district accounting practices and offer beneficial payment terms and options.</p>
5%	<p><b>Prior Experience with Vendor:</b> The Applicant has prior positive experience(s) working with the vendor.</p>

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## Section 5: General Implementation Requirements

With submission of a proposal, the Respondent understands and agrees to the following:

1. It shall be the responsibility of the Respondent to design, furnish, install, and test all hardware and aspects of the system to verify all is in top working order.
2. This RFP is intended to represent a functional description and performance criteria for systems required. The Respondent will be responsible for system engineering and design activities that create the final system configuration.
3. The Respondent accepts any available blueprint and/or site plans provided by the school district as guidelines only, and accepts that the plans are not guaranteed to be an accurate representation of all conditions.
4. The Respondent shall provide all supervision, labor, materials, equipment, and testing instrumentation required for the work associated with this project.
5. The Respondent shall secure all permits, inspections, and authorizations required to complete its work associated with this project at no additional cost to the school district.
6. Pursuant to Idaho Labor Laws and the Davis-Bacon Act, no worker, laborer, or mechanic employed in the performance of any part of the contract shall be paid less than the "prevailing rate of wage" as determined by the United States Department of Labor.
7. All Respondents working on any school district site will abide by all school district rules and state regulations. All school district facilities and grounds are tobacco-free and drug-free areas, and weapons and alcohol are prohibited.
8. Any workers who might come in contact with children on any school district site must have undertaken a criminal background check to be on file with the Respondent. No workers convicted of crimes against children will be allowed on any school district site. All Respondent employees must carry picture ID and wear identification badges at all times.
9. Respondent is responsible for confirming the location of existing utilities prior to commencing work. Respondent agrees to repair and restore any utilities damaged during construction at no additional cost to the school district.
10. Respondent shall make no penetration of walls, floors, or ceilings without the prior consent of the school district.
11. Respondent shall provide a complete work schedule before execution of any work with a two-week "look-ahead" schedule provided on a weekly basis while installation work is in progress. This schedule could be planned using a Gantt or similar chart.