

**E-Rate FY2021-22**

**CATEGORY 2**

**FIREWALL EQUIPMENT AND SERVICES**

**RFP # 91-1**

**Deadline for Submittal of Proposals**

**March 4, 2021**

**3:00 p.m. (MST)**

**Idaho Falls School District #91**

**690 John Adams Pkwy**

**Idaho Falls, ID 83401**

## **NOTICE INVITING PROPOSALS**

Notice is hereby given that the Idaho Falls School District 91 will accept proposals for the award of contracts for E-rate Funding Year (FY) 2021 up to, but not later than 3:00 P.M., on March 4th, 2021 for the following:

RFP # 91-1 Firewall and VPN Concentrator (Category 2)

Additional information, including this RFP and any other needed documents, bid worksheets and clarifying information pertaining to the bid can be located on the District's website: [www.d91.k12.id.us](http://www.d91.k12.id.us) under 'Up for Bid' on the Quick Links menu. It is the responsibility of the prospective Responder to check the website for updates or addenda.

Proposals are to be mailed to the address below or can be submitted in person to the District Office front desk receptionist at the same address. All proposals are to be in a sealed envelope and should also clearly indicate **the bidder's company name, address and contact name.**

### **Idaho Falls School District 91**

#### **Attention: Purchasing Department RFP # 91-1 Firewall**

**690 John Adams Parkway, Idaho Falls, ID 83401**

- Prices quoted should not include excise or other exempt taxes.
- The person signing the bid must initial corrections or erasures in the bid. Bid must be signed by a duly authorized person for the firm submitting the bid.
- Questions should be directed to Justin Hurley at [hurljust@sd91.org](mailto:hurljust@sd91.org) with subject line: *RFP #91-1 Firewall Questions*
- By submitting a bid, the vendor agrees to comply with all descriptions, specifications, and conditions unless stated on the bid proposal itself.
- Submit sealed proposals to the address above. No faxed, telephoned, or emailed bids will be accepted. Bids must be typed and proper postage is required.
- One original proposal, two copies, and one digital copy (PDF format: flash drive preferred).
- Any RFPs received after due date and time will be returned unopened to the Responder.
- Include warranty, product availability and shipping details.
- The awarded proposal will be the most cost effective and in accordance with E-rate funding guidelines. Responsive proposals will be evaluated based on: (1) initial cost of products and services, including non-eligible and indirect costs, (2) ability to meet all project requirements, (3) equipment specifications and performance, (4) compatibility with existing district equipment, (5) compatibility with district support tools and knowledgebase, and (6) prior experience with vendor and vendor track record.
- It is the intent of the Idaho Falls School District 91 to select a proposal in a timely manner after the submission deadline. However, purchase of some or all items is contingent upon budget approval, E-rate approval. Purchase will not be made until after funding cycles begin on July 1.
- Proposals must indicate the vendor's E-Rate SPIN number, e-rate support staff name(s) or indicate and their contact information or indicate 'none' for e-rate contact.
- The Service Provider agrees to bill and receive a portion of the payment for the provisions of goods and services described herein directly from USAC via the Form 474 Service Provider Invoice (SPI). The District will only be responsible for paying its non-discounted share of costs and does not intend to use the BEAR process (Form 472). The maximum percentage the District will be liable for is the pre-discount amount minus the funded amount as shown on the FCC Form 471 Block 5 and any identified ineligible costs. Upon the successful receipt or posting of a Funding Commitment Decision Letter from the SLD and submission and certification of Form 486, the District shall pay only the discounted amount beginning with the billing cycle immediately following said approval. Alternatively, should the District decide that it is in the best interest of the District to file a Form 472, the District will inform the Service Provider of its intent. All Service Provider invoicing to USAC must be completed within 120 days from the last day of service. Should the Service Provider fail to invoice USAC in a timely manner, the District will only be responsible for paying its non-discounted share.

## SUMMARY

The IDAHO FALLS SCHOOL DISTRICT 91 (“District”) serves over 10,000 students across 18 schools and 5 support facilities. The District is requesting proposals from qualified vendors to upgrade its **Firewall and VPN Concentrator Technologies**. The District is looking for vendors who can provide solutions that will address its current and future needs. The District is open to proposals from any vendors that meet the District’s needs and qualifications, outlined in this Request for Proposal (RFP).

## BACKGROUND

The District currently uses Fortinet’s FortiGate 1200D for the firewall solution and VPN access that services all 24 of the District's sites. The support contract is up for renewal and the District is reviewing the fiscal appropriateness of replacing both the firewall solution and VPN concentrator solution.

The services that are currently utilized on the firewall include: basic port blocking, Intrusion Protection and Detection, Application Control, BOTNET command and control blocking, Antivirus / Anti Malware protection, and advanced threat protection. The service currently utilized on the VPN concentrator include: IPSEC, Remote access IPSEC, SSL VPN web mode, SSL VPN tunnel mode. The District has a separate Linewize WebFilter Appliance that performs content filtering and additional advanced threat protection. The District also has a separate pair of Ecessa ShieldLinkSL4000 units for load balancing service providers and for NAT mapping.

## SCOPE OF WORK

The firewall goals of The District are to provide:

- Ability to provide full data inspections (deep packet inspection) services at least of 5Gbps throughput. The technology needs to be 3rd party certified.
- Protect the Districts internal network from external and internal threats.
- Ability to create firewall policies based on authentication of internal users and devices.
- Ability to provide High Availability across a pair of firewalls

The District is looking to replace its existing firewall solution with the Fotinet’s FortiGate 1801F, or equivalent, solution which will integrate with The District’s existing network security platforms and will be able to meet the firewall and security services for The District’s internal network and access to the Internet. At a minimum proposals should meet the goals as listed above, along with the requirements listed throughout this RFP.

The VPN concentrator goals of The District are to provide:

- Ability to provide site to site IPSEC VPN to 3 locations
- Ability to provide SSL VPN tunneling for 250 remote users.
- All VPN services supporting at least 2 Gbps throughput.
- Network Security services for data inspection, IPS, AV, ATP, App control, and options for host checking and compliance.
- Ability to provide High Availability across a pair of VPN concentrators

The District is looking at various options from Fortinet to provide the above requirements for a VPN Concentrator.

## FEATURES

- Hardware
  - Firewall throughput of 5Gbps with all services turned on
  - Must include 4 10/100/1000baseT and 4 1000/10Gb SFP+ uplinks to network services (excluding any HA or redundancy links)
- High Availability (HA) / Redundancy
  - Support for Active/Active or Active/Standby with seamless failover
  - Support for dual power supplies
  - Automatic configuration synchronization across a HA pair
- Authentication
  - Ability to accept authentication from multiple sources, ActiveDirectory, LDAP, Radius, API, Clearpass, G Suite, SAML, OAuth
  - Capable of enforcing network use policies based upon applications, ports and services based on IP and/or authenticated user roles
  - Ability to enforce different policies based on how user is authenticated (Network, IP, Device or User)
  - Ability to authenticate users, devices and types of devices based on our current ClearPass integration
- Security
  - Able to perform port based blocking
  - Capable of IDS/IPS detection based on behavior, reputation and network monitoring
  - SSL Decryption of incoming and outgoing traffic based on specific rules
  - Allow for NAT services for internal services
  - VPN support for IPSec, SSL VPN and Mobile clients for commonly used OS platforms
  - Inspect all network traffic per policy to protect against threats including vulnerability exploits, viruses, spyware and data leakage.
  - Capable of blocking traffic that is considered Malware or Botnet activity based on network behaviour and scanning.
- Application Control
  - Capable of applying policies on local and remote sessions overVPN
  - Handle with unknown traffic based on policy
  - Ability to place web content filtering based on Categories, URL,IP using authentication based on ClearPass
  - Data Loss Prevention
  - Ability to identify and block applications using non-standard ports
  - Traffic Shaping and Blocking
- Support
  - 24 Hour Technical Support
  - Option for 1, 3 and 5 Years for support

## ADDITIONAL TASKS

The District reserves the right to select the top three (3) finalists for oral interviews based on the District's analysis and rating of the proposal package.

In addition to oral interviews, the District reserves the right to request, as part of the evaluation process, a fully functional and working evaluation system for 2 weeks that the District can use to build a Proof-of-Concept (POC) of the proposed solution in a lab or within its existing network. Vendor and/or Manufacturer will provide access during the POC, on-site for the first day, to a systems engineer to ease setup, answer questions and assist with adjustments. Quantities of the equipment needed and additional information are based on the solutions proposed.

## ADDITIONAL INFORMATION

The intent of this RFP is to define specifications for the equipment and requirements for the upgrade of a complete system. All plans proposed should include a project deployment plan, detailed billing and include hardware, installation, shipping and taxes.

All services must be provided solely by a single vendor. All vendors are encouraged to respond with equal or equivalent as outlined in the RFP and bid sheet. Each vendor is allowed to submit a total of one proposal for this RFP.

**Equipment and Services:** The District requests bids for the equipment referenced below. The District has the right to change the quantities listed at any time until an actual order is written. In total, you must provide bids for the following hardware (or equivalent) and software:

<b>QTY</b>	<b>Manufacturer</b>	<b>Description</b>	<b>Part #</b>
1	FortiNet	FortiGate 1801F Firewall	
1	FortiNet	FortiGate 1801F VPN Concentrator	
		Options for 1, 3, 5 years of support	
		Any additional options that might be of interest to the District.	

## SPECIAL CONDITIONS:

1. Prices to remain firm through SLD approval, execution, and duration of the proposed contract. In the event of a price decrease for service or from the manufacturer or carrier, said decrease shall be passed on to the district and documented with a new price sheet sent to IFSD91 – Business Department.
2. All equipment/service costs must be new and included and identified separately.
3. Any prospective bidder, who contacts any staff or Board members in violation of the RFP process, will be disqualified from consideration for the RFP award.
4. The Board of Education and/or the district reserves the right to reject any and all bids/proposals, or any or all items of any bid/proposal
5. Links to the district's E-Rate RFP's will be posted to the district's homepage at <https://www.d91.k12.id.us> under 'Up for Bid' on the Quick Links menu. Any additions or corrections will be addressed in the form of addenda posted to the same location on the website.
6. All questions regarding this RFP should be directed to [hurljust@sd91.org](mailto:hurljust@sd91.org), with the subject of "*RFP #91-1 Firewall Questions*"
7. It is the responsibility of the prospective bidder to check the website for updates or addenda.
8. The Vendor must meet or exceed all requirements. Each response will be reviewed to determine if it is complete prior to actual evaluation.

9. IFSD91 reserves the right to eliminate from further consideration any response, which is deemed to be substantially or materially unresponsive to the RFP.
10. You must provide an original and two copies of your proposal (3 total) plus one digital copy (PDF format: flash drive preferred) .

## **VENDOR / SERVICE PROVIDER INFORMATION:**

1. Length of time business has provided this type of service.
2. Three reference sites currently using this service.
3. Service Level Agreement (SLA) for proposed systems or solutions.
4. Describe maintenance and trouble notification (to us) procedures.
5. List All Costs: Installation, non-recurring, recurring, and other costs.
6. List customer requirements and items in which the cost is borne by the District.
7. Show applicable discounts separately for this RFP or if bidding on multiple RFP's.
8. Your E-Rate Service Provider Identification Number (SPIN) on your proposal.
9. An implementation timeline proposal and project plan. It is the goal of the District to not interrupt any services, if downtime is required clearly identify it in the plan. Instructional and school/organizational functions must not be impacted.
10. Any proposals for long term agreements must reflect terms for adding services at a later date if the District determines necessary.

## **PROPOSAL EVALUATION:**

Each response will be reviewed prior to the selection process for completeness and adherence to format. A response will be considered complete if all requested sections are included in the proper order and properly completed. Vendors may also provide any and all recommendations for consideration such as installation, maintenance, support and design that is relevant to the total solution of the District's technology needs.

Evaluation Criteria (not necessarily in order)

- 30% Cost of products and services, including non-eligible and indirect costs.
- 25% Equipment specifications and performance
- 15% Compatibility with existing district equipment
- 15% Compatibility with district support tools and knowledgebase
- 15% Prior experience with vendor and vendor track record.

## **RFP Schedule**

**RFP Posting:** February 1, 2021

**End of Questions:** February 17, 2021 4:00 PM

**Closing:** March 4, 2021 @ 3:00 PM

**Submittal Opening:** Date of Closing

**RFP Selection:** Before 471 filing date

**Award of RFP:** Contingent upon funding from E-Rate and Board Approval

**Contract/Service Start Date:** July 1, 2021, depending on District funding