Dieringer School District 1320 178th Avenue E. Lake Tapps, WA. 98391



REQUEST FOR PROPOSAL

TYPE OF PROPOSAL: E-Rate District Wide LAN Switching RFP

RFP: 11-2021

FY2022-2023 DSD Category 2 - Switches - Form #220003512

Prepared by: Martha Bulpin

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INTRODUCTION AND PROCEDURES

Purpose and Scope

The **Dieringer School District** has prepared the following Request for Proposal (RFP) document for the procurement of an E-Rate eligible LAN Switching equipment for a district wide refresh.

A complete list of current School District locations is in Section 3. The district seeks a quality vendor with experience in multi-site installations, and capabilities to provide responsive service for the LAN equipment installed. The LAN equipment must meet open industry standards, have management tools included, be 100% Aruba/HP compatible or Equal to, and meet the design requirements established by the district as described on the following pages.

"Or Equal" Clause

Unless otherwise stated in the proposal documents, whenever a process, equipment or material is specified by giving a manufacturers name, brand, or number, it is understood that the words "or equal" follow thereafter. Where the phase "or equal" applies or occurs in the proposal documents, do not assume that a process, equipment or material is approved by the district unless the item had been specially approve for their work by the District, The decision of the District is final.

The project is to be completed and operational by: August 31, 2022; It is understood by all parties that Dieringer School District and the Awarded Service Provider will be bound to the terms of the awarded agreement if, and only if, the Dieringer School District receives Schools & Library/USAC approval for Federal E-Rate Funding for the applicable E-Rate Funding year. If such funding is approved, Dieringer School District and the Awarded Service Providers will be bound by the entire agreement, including items listed on the Awarded Bid Proposal.

All Service Providers responding to this proposal must be an acknowledged Service Provider/Vendor as set forth by FCC/USAC rules and guidelines. All Service Providers must demonstrate that they have met with all the FCC/USAC guidelines; including but not limited to proof of Certification of Form 473 and proof of being on GREEN Light status with FCC/USAC.

This RFP sets forth:

- 1. The process whereby invited parties may respond
- 2. Instructions regarding the required from and content of vendor proposals
- 3. The functional and performance criteria for requires system and hardware

Schedule of Events

The estimated schedule of event through implementation is outlined below.

Step	Action Date
RFP issued along with Form 470	11/09/2021
Deadline for Questions	12/6/2021
Proposal due at 4:00 PM	1/5/2022
Bid Opening Date	1/6/2022
Bid Evaluation Date	1/6/2022
Start Date of Project:	4/01/2022
Completion Date of Project	8/31/2022

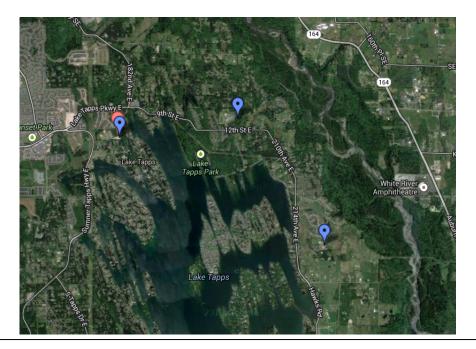
• Dependent on funding of project through E-Rate

Background

Dieringer School District—Overview

Established in 1890, Dieringer School District consolidated with Lake Tapps School District in 1936. The district's three schools, Lake Tapps Elementary School, Dieringer Heights Elementary School and North Tapps Middle School, provide K through 8th grade education, and serve as hubs for community activities as well. The majority of Dieringer School District #343 is located in unincorporated Pierce County, bounded on the east by the White River, on the west by the Stuck River, on the north by the city of Auburn, and on the south by the cities of Bonney Lake and Sumner. The District surrounds the northern two-thirds of Lake Tapps and covers approximately 5.5 square miles.

Our district has started a One-to-One deployment at the middle school in 2014 and will maintain this deployment over the upcoming years.



Communications Regarding RFP

Proposal Response Deadline and Delivery Vendors shall provide one signed original copy and may send one electronic format copy of the proposal. Proposals must be received at the following address no later **than 4:00 PM on 1/5/2022.** Vendors are solely responsible for ensuring that proposal are delivered on time. Delays caused by any delivery service, including the US Postal Service, will not be grounds for an extension of the deadline. Proposals submitted after the deadline may be rejected. Proposals sent via E-Mail or FAX alone will not be accepted.

Sealed proposals must be delivered to:

North Tapps Middle School – c/o Martha Bulpin

20029 12th Street E.

Lake Tapps, WA 98391

Contacts. Upon release of this RFP all vendor communication concerning this acquisition shall be directed to:

Contact Name	Martha Bulpin
Contact address	20029 12 th St. E.
Contact email	mbulpin@dieringer.wednet.edu
Contact Phone Number	253-862-2776

Vendors who seek information, clarification, or interpretations from the School District employees are advised that such material is used at the vendors own risk and the District shall not be bound by any such representations.

Vendor Clarifications and Questions. Questions concerning the RFP must be submitted in writing or sent via E-mail in advance of the RFP due date. **The deadline for questions is Monday, December 6, 2021**. Copies of questions relevant to the RFP process that may impact a response will be distributed to all participating vendors.

RFP Changes or Amendments. Any revision to the RFP will be issued in the form of an addendum and will be distributed to all vendors prior to the Response Due Date and uploaded in the EPC Portal.

Clarifications. The Dieringer School District reserves the right to obtain clarification of any point in a vendor's proposal or to obtain additional information necessary to properly evaluate a proposal. Failure of a vendor to respond to such a request for additional information or clarification may result in rejection for the vendor proposal. The District's retention of this right shall in no way reduce the responsibility of vendors to submit complete, accurate and clear proposals.

Vendor Contact. The proposal must include the name of the specific individual who will act as the primary contact for the vendor during proposal evaluation. The proposal must identify the contact's position in the organization, telephone number, fax number, and email address.

General RFP Procedures.

Right of Selection/Rejection of Proposals. The Dieringer School District reserves the right to select a proposal for eligible LAN and equipment through competitive negotiations. The Dieringer School District reserves the right to select or reject any or all proposals for any reason, to waive any informality in the proposals received, and to waive minor deviations from the specifications. The district may award a contract on the basis of information in addition to that received in a proposal. It is emphasized that all quotes should be complete and submitted with the most favorable financial terms.

Multiple Proposals. Vendors may submit more than one proposal in response to this RFP. However, each proposal must be a separate, complete package, which can be considered independently of any other proposals from the same vendor.

Errors in Proposals. Vendors are responsible for all errors or omissions in their proposals, and any such errors or omissions will not serve to diminish their obligations to the School District.

Cost of Development of Proposals. All expenses incurred by vendors related to the proposal or the selection process will be borne by the vendor. No claim for reimbursement of time, material, or travel expenses shall be made by the vendor against the School District, regardless of the results of the selection process.

Vendor Prime Contractor Responsibility. If a vendor's proposal includes equipment, hardware, software, or services to be supplied by entities other than itself, it is mandatory for the proposing vendor to act as prime contractor for the procurement of all products and services proposed to meet this RFP. The vendor acting as the prime contractor must be the sole point of contact with regard to contract stipulations including payment of any and all charges resulting from the purchase of the proposed equipment, hardware, software, and/or services. The vendor acting as the prime contractor must take full responsibility for the demonstration, delivery, installation, and acceptance testing of the items proposed to be supplied by its subcontractor.

Period of Validity of Proposals. The Vendor must certify that its proposal will remain in effect for 150 days after the proposal due date. The district may request an extension beyond the 150 days.

Proprietary Material. The School District will attempt to protect legitimate trade secrets of any vendor. Examples of such information would be unpublished descriptions of proprietary aspects of the systems proposed. Any proprietary information contained in the proposal must be designated clearly and should be separately bound and labeled with the words "Proprietary Information." Marking the entire proposal proprietary may result in the rejection of the proposal. Vendors should be aware that the District is required by law to make its records available for public inspection, with certain exceptions. It is the District's belief that this legal obligation would not require the disclosure of proprietary, descriptive literature that contains valuable designs, drawings, or documentation. However, the vendor, by submission of materials marked "Proprietary Information," acknowledges and agrees that the District will have no obligation or liability to the vendor in the event that either must disclose these materials.

Proposal Disposition. All materials submitted in response to this RFP shall become the property of the School District.

Codes and Standards

It shall be the responsibility of the Vendor to identify all codes, and/or agencies having jurisdiction and governing the execution of this proposal and to insure conformance with those codes and agencies. At a minimum, the execution of this RFP and all acts of the Vendor selected to perform work described herein, shall conform with and/or follow the guidelines of the following:

- Federal Communications Commission (FCC)
- OSHA
- Electronic Industries Association (EIA)
- American National Standards Institute (ANSI)
- National and Local Electrical Codes, including NFPA 70
- City of Bonney Lake Ordinances as applicable
- BICSI Telecommunications Distribution Standards
- Applicable Regulations of the Washington Department of Labor and
- Industries, including WISHA
- State and Federal Anti-Discrimination Laws

This list is not exclusive.

Proposal Format

It is essential that the School District be able to easily match a vendor's response with this RFP's requirements for information. Proposals should be submitted on 8.5 by 11 inch paper. Foldouts for charts, tables, spreadsheets, and single line diagrams are acceptable.

Section 1 Introduction and Procedures. This includes the Title Page (Attachment A) and a Proposal Overview, not to exceed three pages, identifying the primary reasons why the proposal will best meets the needs of the District.

Section 2 Vendor Requirements/Information. This includes the Vendor and Manufacturer Background Information, general vendor and project requirements, maintenance and service response, and the Customer Reference List.

Section 3 System Specifications. Provide information about the specifications of the project to be installed and/or provided to the district.

Section 4 Terms and Conditions. The total system costs (Attachment B) must include non-recurring and monthly, recurring charges related to providing the system, including all taxes, surcharges and any other fees.

Section 5 E-Rate Eligibility. The vendor will provide a breakdown of what services and/or goods are eligible for E-Rate at what percentage they are eligible.

Evaluation Criteria

The District will initially evaluate the proposals for requirements compliance and technical merit. Proposals deemed acceptable will be reviewed to establish life cycle costs. The District will then select a group of vendor finalists that may be asked to present and demonstrate the products and services included in their proposal. The demonstrations must focus on the ability of the proposed systems to meet the District's functional requirements while providing easy and flexible operation for the users. A contract shall be awarded to the most responsible and responsive vendor based upon, but not limited to, the following criteria:

30%	Price will be the overall factor including non-recurring, installation, recurring, life cycle costs if applicable.
20%	The quality of the system and/or service proposed and their conformity with technical specifications.
	'
20%	The ability, capacity and skill of the vendor to provide the services required.
10%	Ongoing servicing and maintenance resources, capability, and capacity.
10%	The character, integrity, reputation, judgment, experience, and efficiency of the vendor.
10%	E-Rate Knowledgeable

Acceptance of Bid (Award)

- 1. **Owner.** The School District intends (but is not bound) to award a Contract to the lowest responsible and responsive Bidder, provided the Bid has been submitted in accordance with the requirements of the Bidding Documents and does not exceed the funds available. The School District has the right to waive any informality or irregularity in any Bid(s) received and to accept the Bid which, in its judgment, is in its own best interests.
- 2. Requirements for Award. Before the Award, the lowest responsive Bidder shall:
 - a. Have a current state unified business identifier number.
 - b. Have industrial insurance coverage for the Bidder's employees working in
- 3. Washington as required in Title 51 RCW; Have an employment security department number as required in Title 50 RCW.
 - d. Have a state excise tax registration number as required in Title 82 RCW.
 - e. Not be disqualified from bidding on any public works contract under RCW 39.06.010 (unregistered or unlicensed contractors) or RCW 39.12.065 (3) (prevailing wage violations); and
 - f. Obtain a City of Bonney Lake business license and Pierce County business license, if needed.
- **4. Rejection of Bid(s):** The School District shall have the right but not the obligation to reject any or all Bids for any reason or for no reason, or to reject a Bid, which is in any way incomplete or irregular.

VENDOR REQUIREMENTS / INFORMATION

Vendor Background Information

Please provide the following information:

- a. Parent Company (if applicable):
- b. Name and title of top local executive:
- c. Organizational Type/Structure:

Vendor Experience:

- 1. Years company in business in Puget Sound area:
- 2. Number of trained technicians for supporting proposed system:
- 3. Additional background information (optional):

Sub-contractor Information (if applicable)

Provide a list of sub-contractors who will have responsibilities for work related to successful accomplishment of this project. Include a brief background on each subcontractor(s) involved, description of the subcontractor's activities, and three references of work similar to that which they will be performing as subcontractor on this project.

General Implementation Requirements

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

It shall be the responsibility of the Vendor to design, furnish, install, and test all aspects of the installed network fiber cabling and hardware electronics as outlined in this RFP.

This RFP is intended to represent a functional description and performance criteria for systems required. The Vendor shall conduct actual system engineering and design activities that will lead to the final system configuration.

The Vendor accepts any available blueprint and/or site plans provided by the District as guidelines only, and accepts that the plans are not guaranteed to be an accurate representation of all conditions.

The Vendor shall provide all supervision, labor, materials, equipment, and testing instrumentation required for the work associated with this RFP.

The Vendor shall secure all permits, inspections, and authorizations required to complete its work associated with this RFP, at no additional cost to the district.

Pursuant to RCW 39.12, 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 Industrial Statistician of the Department of Labor and Industries.

All vendors working on any School District site shall abide by all District rules and State regulations. Buildings and grounds are tobacco-free and drug-free areas. In addition, weapons and alcohol are prohibited. 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 Vendor. No workers convicted of crimes against children will be allowed on any School District site. All vendor employees must carry picture ID and wear identification badge at all times.

Vendor is responsible for confirming the location of existing utilities prior to commencing work. Vendor agrees to repair and restore any utilities damaged during construction.

Vendor shall make NO penetration of walls, floors, or ceilings without the prior consent of the School District.

Access hours to District sites will be from 8:00 a.m. to 3:00 p.m. Monday through Friday.

Vendor shall provide a complete work schedule before execution of any work. Format of the schedule should be Gantt, and a two-week "look-ahead" schedule should be provided on a weekly basis while the work is undergoing.

This RFP is intended to represent a functional description and performance criteria for systems required. The Vendor shall conduct actual system engineering and design activities that will lead to the final system configuration

Vendor to supply cables to facilitate switch stacking for switches in this proposal.

Vendor will install & assist if needed in configuring all equipment in this proposal.

Vendor will confirm access & distribution layers fully functional across the LAN

Vendor will assist in configuring PoE equipment to ensure multicast routing is fully working across the LAN

Customer References

The School District is specifically interested in the Vendor's experiences and responsibilities in designing and implementing systems that are comparable to the project outlined in this RFP. The Vendor must submit a minimum of four (maximum of ten) relevant references of customers where the Vendor provided a similar system (same make and/or model) within the last three years and is presently in use. The following information is required for each reference: Company Name, Contact Name and System Size, Date of installation and City Telephone Number and Type Installation

General Overview of Project

- a. Dieringer school district is requesting a proposal for Ethernet Switches. Each switch would have at least 1 (GB) Fiber or copper back to the main MDF layer 3 switch for each respective site location. Total number of switches are; 1 ea. 24 port core/distribution switch, 1 ea. 24 port topof-rack switch for the server rack, and 30 ea. 48 port PoE switches. In addition, we will need 11 ea. 1 Gbps multimode Fiber SFP models.
- b. Design to be based on industry "best Practices" for device types referenced
- c. LAN equipment must be 10/100/1000 Mbps capable across all ports
- d. LAN equipment must support POE+ compliant powered devices, across all access ports.
- e. LAN equipment must support Aruba Central or equivalent management software
- f. LAN Network gear to support 802.1x and/or Radius support.
- g. The Service Provider shall include in their proposal the cost to prepare and conduct their work to ensure that the Owner endures no disruption to the loss of "Normal Business" functions. Buildings will be available to the Service Provider during regular business hours for investigation and prep work only. Work resulting in the disruption of normal business functions and or

- causing a disruption to the teaching process will be performed after normal business Hours (8:00 AM- 4:00 PM).
- h. It will be the sole financial responsibility of the Service Provider to arrange delivery and storage of all products, materials and equipment. The Owner will not be responsible for the warehousing or transportation of any products, material and equipment, without prior written approval.
- i. It will be the sole financial responsibility of the Service Provider to arrange delivery and storage of all products, materials and equipment. The Owner will not be responsible for the warehousing or transportation of any products, material and equipment, without prior written approval.
- j. All equipment must be new. The details of the System requirements and features are fully described in later sections of this RFP.
- k. Bidders are required to submit two proposals for this project:
 - a. 1) One Proposal for the transportation location as listed under the first table under Attachment B not covered by E-Rate
 - b. 2) One proposal for the remaining 3 school site locations under Attachment B Covered by E-Rate at 40%

School District Current Locations to be included:

Site Name	Site Address	E-Rate
		Discount %
Transportation Office	1320 178th Avenue E. Lake Tapps, WA	0%
(Not seeking E-Rate funding for this site)	98391	
Lake Tapps Elementary School	1320 178th Avenue E. Lake Tapps, WA	40%
	98391	
North Tapps Middle School	20029 12th Street E. Lake Tapps, WA 98391	40%
Dieringer Heights Elementary School	21727 34 th St. E. Lake Tapps, WA 98391	40%

Financing

The school district and the successful bidder will act in a reasonable manner and comply with any Schools and Libraries Universal Service fund Program.

System Acceptance

Once the installation has been completed, acceptance testing shall be performed upon the system. This test and verification period, if successful, shall consist of thirty consecutive days of normal traffic load with no major component failures and no major alarm indications. The School District shall accept the installed system after a signed letter of official system certification with successful acceptance test

results, accompanied by two sets of as-built documentation provided by the Vendor, is received, reviewed with the Vendor and accepted in writing by the School District. Service shall commence concurrent with a dated Letter of Acceptance issued by the School District to the Vendor. This letter will constitute the School District's formal acceptance of the system.

Taxes

Vendor shall include in the bid and pay for all applicable taxes except State Sales Tax and Local Sales Tax, which shall be excluded in the preparation of the bid.

Total Costs

Both the recurring, monthly costs and the non-recurring costs associated with the installation of the district's network system need to be indicated on Attachment A

Insurance

The selected Vendor shall furnish certificates of insurance covering Workman's Compensation and Liability insurance and hold Dieringer School District harmless against all claims arising out of the System installation

Omissions

Omissions in the proposal of any provision herein described shall not be construed as to relieve the Vendor of any responsibility or obligation to the complete and satisfactory delivery, operation, and support of any and all equipment or services.

Permits and Codes

The selected Vendor will comply with all laws, codes, rules and regulations of the State, County and Town applicable to the work to be performed at Dieringer School District location. The bidder, who shall pay all lawful charges, shall obtain all permits lawfully required.

Shipments

All shipments and deliveries should be made to the technology center provided that the Vendor has made arrangements to unload and store such deliveries with the district. Dieringer School District shall take no responsibility for shipments, delivery, storage, or unloading of such shipments and will not be responsible for any losses or damages that may result from Vendor's failure to make adequate provisions. All equipment, supplies, and materials required for this project will remain the property of the Vendor until properly installed and accepted by the Project Director.

Quantities

It is understood that the quantities stated are approximate only and are subject to either increase or decrease at the Districts discretion and are stated for the purpose of comparison only. Should the quantities of any of the items be increased, the undersigned vendor shall furnish the addition articles at the unit price set out herein; and should the quantities be decrease, payment will be made on the actual quantities delivered/accepted at such unit prices, and the undersigned vendor will make no claim for anticipated profits or additional compensation for any increase or decrease in the quantities. It should be understood that eh District may purchase any number of items from the vendor at the unit prices bid.

Price

The price quoted will include all costs including but not limited to the complete installation, training, project management, and acceptance testing of the SERVICE.

- Bidders shall submit a descriptive summary of the SERVICE, including manufacturer, model, and software version level of the equipment.
- Bidders must describe general and specific features of the SERVICE, including features, SERVICE capacities, limiting factors, and optional characteristics. System capacity limitations for all features and functions must be stated and described in detail. These capacities must include, but are not limited to, the quantity of items needed to make a complete SERVICE.
- Bidders shall include an overview of the SERVICE capabilities including capacities and
 expansion capabilities. Vendors must supply an itemized list of initial SERVICE equipment
 including all common, and auxiliary equipment necessary for the successful operation of the
 initial SERVICE, such as: equipment cabinets, distribution frames, rack mount units including
 size of each unit, and power requirements. Also, list the number of ports initial configuration
 and show the number of spare ports and, or slots remaining for expansion on each type of
 card and cabinet.
- All initial SERVICE equipment shall be included in the quoted prices.
- The price of the SERVICE must include all services necessary to accomplish a turn-key installation, end-user and administrative training, user guides for all users, a technical SERVICE owner's manual, and a technical administrator's programming & maintenance manual. All manuals and training material are also required on CD.

ATTACHMENT A

E-Rate District Wide LAN Switching RFP - Site locations see page 12.

RFP Response Form - Title Page

(Insert in front of proposal, per Section 1.7)

The undersigned agrees to furnish the enclosed items at the price stated, subject to the conditions and requirements of this proposal. The proposal must be signed by someone with the authority to legally bind the Vendor.

Bidder Identification and Authorized Signature	
System Proposed:	
Firm Name:	
Address:	
Signed By:	
Printed Name:	
Title:	
Date:	
Please indicate person to be contacted by the Diering the proposal:	ger School District concerning any part of this RFP or
Name:	
Title:	
Telephone:	_
Fax Number:	
E-Mail:	

ATTACHMENT B

Dieringer School District

E-Rate District Wide LAN Switching RFP

Proposed Costs

Description of proposed services/goods to be purchased for the completion of this project. Proposed services/goods listed are in reference to LAN design already established by Dieringer School District.

Proposed services/goods

This is separated by site, as listed in table on page 13.

Transportation (Not seeking E-Rate funding)			
IDF (Transportation)	IDF (Transportation)		
Model	Description	Quantity	
Aruba 2930F 48G			
PoE+ 4SFP 740W			
Switch (JL557A)	48 port Aruba 2930F with 4 1GbE ports, 740W.	1	
	1GbE multimode fiber SFP	1	

LAKE TAPPS Elementary School		
MDF (Server room)		
Model	Description	Quantity
Aruba 2930F 48G		
PoE+ 4SFP 740W		
Switch	48 port Aruba 2930F with 4 1GbE ports, 740W	6
	1GbE multimode fiber SFP	4
IDF 1 (in LT Office)		
Model	Description	Quantity
Aruba 2930F 48G		
PoE+ 4SFP 740W		
Switch	48 port Aruba 2930F with 4 1GbE ports, 740W	1
	1GbE multimode fiber SFP	1
IDF 2 (In Custodian		
Office)		
Model	Description	Quantity
Aruba 2930F 48G		
PoE+ 4SFP 740W		
Switch (JL557A)	48 port Aruba 2930F with 4 1GbE ports, 740W.	1
	1GbE multimode fiber SFP	1
IDF 3 (In Portable 2)		
Model	Description	Quantity

Aruba 2930F 48G		
PoE+ 4SFP 740W		
Switch (JL557A)	48 port Aruba 2930F with 4 1GbE ports, 740W.	1
	1GbE multimode fiber SFP	4

North Tapps Middle School		
MDF (Server Room)		
Model	Description	Quantity
Aruba 6200F 24G		
4SFP+ Switch		
(JL724A)	24 port Aruba 6200F with 4 1/10 GbE SFP ports	1
	10GbE Multimode fiber SFP+	1
Aruba 6200F 48G		
4SFP+ Switch		
(JL726A)	48 port Aruba 6200F with 4 1/10 GbE SFP ports	1
	1GbE multimode fiber SFP	3
Aruba 6300M 24SFP+		
4SFP56 Switch		
(JL658A)	24 port Aruba 6300M with 24 1/10 GbE SFP ports	1
	Redundant AC Power supply for Aruba 6300M	1
	10GBASE-T RJ45 SFP+ Transceiver	10
	10G multimode fiber SFP+	6
Aruba 2930F 48G		
PoE+ 4SFP 740W		
Switch (JL557A)	48 port Aruba 2930F with 4 1GbE ports, 740W	5
	1GbE multimode fiber SFP	4
IDF 1 Tech NT Office		
Model	Description	Quantity
Aruba 2930F 48G	·	•
PoE+ 4SFP 740W		
Switch (JL557A)	48 port Aruba 2930F with 4 1GbE ports, 740W	1
IDF 2 – PE Storage		
Model	Description	Quantity
Aruba 2930F 48G		
PoE+ 4SFP 740W		
Switch (JL557A)	48 port Aruba 2930F with 4 1GbE ports, 740W	1

IDF 3 – New Gym PE		
storage		
Model	Description	Quantity
Aruba 2930F 48G		
PoE+ 4SFP 740W		
Switch (JL557A)	48 port Aruba 2930F with 4 1GbE ports, 740W	1
	1GbE multimode fiber SFP	1
IDF 4 – 155/156		
Model	Description	Quantity
Aruba 2930F 48G		
Aruba 2930F 48G PoE+ 4SFP 740W		
	48 port Aruba 2930F with 4 1GbE ports, 740W	1
PoE+ 4SFP 740W	48 port Aruba 2930F with 4 1GbE ports, 740W 1GbE multimode fiber SFP	
PoE+ 4SFP 740W	·	1
PoE+ 4SFP 740W Switch (JL557A)	·	1
PoE+ 4SFP 740W Switch (JL557A) IDF 5 – 157/158	1GbE multimode fiber SFP	1 1
PoE+ 4SFP 740W Switch (JL557A) IDF 5 – 157/158 Model	1GbE multimode fiber SFP	1
PoE+ 4SFP 740W Switch (JL557A) IDF 5 – 157/158 Model Aruba 2930F 48G	1GbE multimode fiber SFP	1 1

DIERINGER HEIGHTS Elementary School		
MDF Server Room		
Model	Description	Quantity
Aruba 2930F 48G		
PoE+ 4SFP 740W		
Switch (JL557A)	48 port Aruba 2930F with 4 1GbE ports, 740W	4
	1GbE multimode fiber SFP	1
IDF Upstairs		
Model	Description	Quantity
Aruba 2930F 48G		
PoE+ 4SFP 740W		
Switch (JL557A)	48 port Aruba 2930F with 4 1GbE ports, 740W	3
	1GbE multimode fiber	1

Please provide total <i>non-recurring costs</i> required to install and deliver system: \$
Provide monthly, <i>recurring costs</i> for the duration of the proposed agreement: \$
Please provide costs associated for any additional sites: Non-recurring: \$
Recurring - monthly: \$
Please provide estimated taxes, surcharges and fees: Sales tax: \$
City Tax: \$ Other fees: \$