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1003 West 11th Street
Brady, Texas 76825
325-597-2301

E-RATE INFORMATION PACKET FOR VENDORS
Funding Year 2018-2019

Request for Proposal

Switches and Uninterruptible Power Supply (UPS)/Battery Backup

Form 470 #180020319
Quotes due by **March 2, 2018 at 11:00 AM** (Central Standard Time)
E-Rate info is at http://www.usac.org/sl

Superintendent:
Duane Limbaugh

Contact Person:
Michael Tarr
Phone: 325-597-2301 Fax: 325-597-3984
email: mtarr@bradyisd.org (preferred)

This document provides additional details for the items/services we are requesting. You may bid on one or all. If you bid on both BISD must be able to separate the totals. This info is in addition to what is posted on the E-Rate Form 470. Details are on the USAC website. It is possible that certain parts or pieces of a system or service may be ineligible for purchase under the E-Rate guidelines. **Please note on your quote any ineligible portions of your quote.**

Category Two Internal Connections

➢ <u>Switches</u> – 35 comparable to MERAKI MS320-48fp port P.O.E

13 switches – Brady Elementary School, 205 West China Street, Brady, Tx
10 switches – Brady Middle School, 2309 Hwy 190, Brady, TX
12 switches – Brady High School, 2301 Hwy 190, Brady, TX

Configurations
- All models: 48 port gigabit Ethernet
- All models: $4 \times$ SFP+ for 10G uplink, non-shared
- MS320-48LP includes 370 W PoE / PoE+
- MS320-48FP includes 720 W PoE / PoE+

Hardware platform
- Voice and Video QoS
- Low noise, fanless
- Non-blocking switch fabric
- Ultra-reliable, includes lifetime warranty

Power over Ethernet (for PoE models)
- 802.3af (PoE) 15.4 W per port
- 802.3at (PoE+) 25.5 W per port
- MS320-48LP maximum PoE output: 370 W
- MS320-48FP maximum PoE output: 720 W
- PoE available simultaneously on all ports
- Intelligent PoE power allocation based on device advertisement (LLDP)

Cloud management
- Visibility and control over thousands of ports
- Built-in multi site management
- Zero touch provisioning

Monitoring and diagnostics
- Cable failure testing
- Gateway connectivity testing
- Real time troubleshooting tools
- Email and text message alerts

Layer 3
- Dynamic routing (OSPFv2)
- Static routing
- DHCP Relay

- DHCP Server
- First of a kind UI-based configuration
- Easy to configure routed interfaces
- Warm spare redundancy (VRRP)
- DHCP Failover

> ## **Installation of the above 35 Switches -- comparable to MERAKI MS320-48fp port P.O.E**

13 switches – Brady Elementary School, 205 West China Street, Brady, TX
10 switches – Brady Middle School, 2309 Hwy 190, Brady, TX
12 switches – Brady High School, 2301 Hwy 190, Brady, TX

> ## **Uninterruptible Power Supply (UPS)/Battery Backup** – 14 total

5 UPS 1500 – Brady Elementary, 205 West China Street, Brady, TX
5 UPS 1500 – Brady Middle, 2309 Hwy 190, Brady, TX
1 UPS 1500 – Brady High, 2301 Hwy 190, Brady, TX
3 UPS Extended Run 3000 – Brady High, 2301 Hwy 190, Brady, TX

UPS 1500 – 11 comparable to APC Smart-UPS C 1500VA LCD 120V
- Instant backup battery power during an outage
- Protects electronic equipment from harmful power conditions
- Eight power and surge protected outlets
- One switchable outlet group for individual load management
- Pure sine wave output while on battery
- Green mode reduces power consumption
- Smart battery management for long battery life
- LCD interface with intuitive navigation keys
- SmartSlot for using a network management card
- PowerChute software provides safe shutdown
- Three-year limited warranty
- $150,000 equipment protection policy

UPS Extended Run 3000 – 3 comparable to APC Smart-UPS X 3000VA Rack/Tower LCD UPS
- Instant backup battery power during an outage
- Protects electronic equipment from harmful power conditions
- Three switchable outlet groups for individual load management
- Pure sine wave output while on battery
- Ability to add external battery packs for extended runtime
- Green mode reduces power consumption
- Smart battery management for long battery life

- LCD interface with intuitive navigation keys
- SmartSlot for using a network management card
- Converts from tower to rack mount for convenient installation
- PowerChute software provides safe shutdown
- Three-year limited warranty
- $150,000 equipment protection policy

NOTE:

- This is a request for quotes. After receiving quotes, BISD will determine what items will be posted on the E-Rate Form 471 application and requested for funding under the E-Rate program. Signing of contracts with vendor is non-binding until determination of award from the USAC and BISD budget availability and approval by the BISD Board of Trustees. Scope may change depending upon the amount of money granted by the USAC. BISD has the right to downsize any or all projects.

- Please submit:
    - 2 hard copies of quotes - please mail or deliver to:
        Brady ISD Administration
        Attn: E-Rate Proposal
        1003 West 11th Street
        Brady, TX 76825

Vendor Requirements

1. *VENDOR MUST PROVIDE A USAC 498 ID (formerly e-rate SPIN number) WITH RFP*.

2. Signing of contracts or agreement forms with vendor is non-binding until determination of award from the SLD and BISD budget availability and approval by the BISD Board of Trustees. Scope may change depending upon the amount of money granted by the SLD. BISD has the right to downsize any or all projects.

3. **Note: All equipment submitted by the vendor must meet or exceed the specifications supplied above. Equipment specifications must be supplied by the vendor to substantiate that their equipment meets or exceeds specs of equipment listed on quote requests.** All equipment offered must be from the manufacturer and must be guaranteed to be NEW and currently manufactured. BISD will not consider or accept any RECONDITIONED or REFURBISHED equipment.

4. Payments: Invoices will be paid in accordance with BISD policy and procedure. Invoices must be addressed to the BISD Technology Department (Accounts Payable) at 1003 West 11th, Brady TX 76825. Partial payments will be considered upon presentation of invoices. No late and/or finance charges will be paid by BISD. **Vendor invoices to BISD should only reflect the amount due minus the E-Rate discount. Vendor will be responsible for billing USAC for the E-Rate funded portion.**