

Nye County School District
E-Rate Cat-2 2025-2026 Equipment Requirements
Sites: Multiple

Routing

Project Description: Ship to central staging site three (3) 24 port SFP+ Layer3 access aggregation L3 switches, depending on bid cost, of the compatible equipment with all product documentation, and rack mounting hardware. Bids must include expected equipment delivery time window.

Delivery/Shipping Location:

Nye County School District

Attn: Technology

484 S. West St.

Pahrump, NV 89048

E-Rate Description: Aruba CX 6300 24SFP+ or equivalent [JL658A Aruba CX 6300M 24-port SFP+] that provides 24 SFP+ ports, redundant power, and is capable of supporting 10G and 1G modules on all ports. Layer3 access switches must include operational feature set, including Layer3 protocols such as OSPF with no licensing required or equivalent. Switch must be supplied with sixteen (16) compatible 1G Multi-mode fiber SFP transceivers.

All equipment or supplies offered shall be new, currently in production and of the manufacturer's latest design unless otherwise stated.

SWITCHING

Project Description: Ship to central staging site six (6) 48 port POE switches, depending on bid cost, of the compatible equipment with all product documentation, and rack mounting hardware. Bids must include expected equipment delivery time window.

Delivery/Shipping Location:

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Attn: Technology

484 S. West St.

Pahrump, NV 89048

E-Rate Description: CX6200 48 port or equivalent [R8Q70A Aruba CX 6200M 48G PoE 4SFP+] that provides close to 48 ports, and includes at least 4 Gigabit SFP ports, and additionally supports POE+ IEEE 802.3at (up to 30W) on all standard ports. Switch must include full feature set with no licensing required or equivalent. Switch must be supplied with two (2) compatible 1G Multi-Mode fiber SFP transceivers.

All equipment or supplies offered shall be new, currently in production and of the manufacturer's latest design unless otherwise stated.

Wireless-Indoor

Project Description: Deliver nineteen (19) units of the compatible equipment, ceiling mounting hardware, all product documentation, list of serial and MAC values, and ship out with latest long-term-release firmware installed. In-house IT dept. will deploy and program. Bids must include expected equipment delivery time window.

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E-Rate Description: Aruba AP 615 or equivalent [R7J50A: Aruba AP-615 (US) Dual-radio Tri-band 2x2:2 802.11ax Wi-Fi 6E Internal Antennas Campus AP], must be compatible with embedded Aruba Instant controller, with management accessible within the NCSD LAN network, and not require a cloud portal of any kind. The equipment must support 2.4Ghz and 5Ghz bands; standards of POE, 802.11a/b/g/n/ac/ax, and Multi-User MIMO.

All equipment or supplies offered shall be new, currently in production and of the manufacturer's latest design unless otherwise stated.

Wireless-outdoor-backhaul

Project Description: Deliver thirteen (13) units of the compatible equipment, away-from-wall mounting hardware, all product documentation, list of serial and MAC values, and ship out with latest long-term-release firmware installed. In-house IT dept. will deploy and program. Bids must include expected equipment delivery time window.

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E-Rate Description: Aruba AP 577 or equivalent [AP-577 (US) Dual Radio 2x2/4x4 802.11ax Integrated Directional Ant Outdoor AP], IP67 rating for outdoor operation against water and dust, administration should be like the embedded Aruba Instant controller, accessible anywhere within the NCSD LAN network and not require a cloud portal of any kind. It must support mesh-like infrastructure consisting of multiple source Aps (portals) and backhaul uplink Aps (points) with physical Ethernet port bridging capability supporting all VLAN traffic. The equipment must support 2.4Ghz and 5Ghz bands; be powered by POE, even on the uplink port; use directional antennas for broad but targeted coverage, and have the ability to mesh at distances up to 240 ft.

All equipment or supplies offered shall be new, currently in production and of the manufacturer's latest design unless otherwise stated.

Power Backup (UPS)

Project Description: Deliver seven (7) units of the compatible equipment, with network connectivity and management. In-house IT dept. will deploy and program. Equipment will be used for switches and routers matching E-rate guidelines. Bids must include expected equipment delivery time window.

Delivery/Shipping Location:

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E-Rate Description: GXT5 Lithium-Ion UPS 2000VA/1800W/120V UPS or equivalent [GXT5LI-2000LVRT2UXLN w/RDU101 Network card] with at least 2000VA rating using LiFePo4 batteries with double or more the service life of Lead-acid batteries. Standard Li-ion batteries are excluded due to runaway thermal risk. UPS battery should be hot-swap replaceable. Target runtime should be at least 25m with a 400W load. UPS must include any required network modules for basic SNMP and management features. Bid requires 4-post mounting hardware and optional tower-stand and wall input plug must be of type 120v 5-20P.

All equipment or supplies offered shall be new, currently in production and of the manufacturer's latest design unless otherwise stated.

Bid Response

Bidders are responsible for identifying and documenting E-Rate eligibility percentages on all proposed equipment and services. Response must include a table with SKU/Part No, Description, Unit Amount, Extended Amount, and a breakout of E-Rate eligible amounts as well as costs to the school district. Bidders proposing equipment they consider to be an “equivalent” to the specified equipment must include supporting documentation such as manufacturer technical specifications, data sheets, white paper, or other documentation that supports equivalence to the specified equipment. Should said documentation not be included with the RFB submission, the vendor may be considered “non-responsive” and the response may be rejected. Similar equipment from other manufacturers considered

An “equivalent” that are specified will be given equal consideration based upon the following criteria:

- Specifications
- Quality
- Design
- Utility
- Past Performance
- Service (which includes repairs, replacement parts, and adjustments)
- Price

All Bidders must submit complete manufacturer’s specifications and current catalog number/identifier if Bidding other than manufacturer specified. Failure to submit complete specifications may be cause for rejection of bid item.

Bidders of an alternative single manufacturer must provide the SPECIFIC model number(s), description, and price after discount of the proposed equivalent to all HPE Aruba models defined in the attached RFP.

NCSD Information Technology Network staff will make the final determination of the equivalence of the proposed alternative. If it is determined that the proposed alternatives are NOT equal in all features and functionality, then the bid will not be considered. Bidders of an alternative single manufacturer must also hold a certification equal to HP Platinum Partner requirements with the proposed manufacturer, if applicable.