

RFP #115-24
Executive Summary

Overview

In this single-part RFP, KPBSD seeks proposals for structured cabling and connectivity components to support a partial refresh of our existing network infrastructure.

This partial infrastructure refresh would involve installation of new horizontal Category 6 ethernet cabling for wireless access points (RFP# 110-24), specialized access point wall mounts for access points (RFP# 110-24), rack hardware and accessories for network closets, fiber cross connect cabling between select closets, and other equipment that facilitates network service within buildings at five high schools and one elementary school.

RFPs posted by KPBSD can be found on the KPBSD Purchasing website, available at <https://kpbsd.org/departments/assistant-superintendent/instructional-support/planning-and-operations/purchasing/bid-opportunities/>. FCC Form 470s corresponding to posted RFPs are also available within the E-Rate Productivity Center (EPC).

This RFP only seeks cable and equipment and does not seek installation or similar services. KPBSD intends to perform all necessary installation to make functional the purchased cable and equipment included in this RFP.

KPBSD may elect to execute a purchase after award of this RFP at risk (e.g. before we receive our E-Rate funding commitment for eligible Category 2 equipment included in this RFP). In such a circumstance, KPBSD will require that arrival of equipment included in this RFP and invoicing for such items occurs AFTER April 1, 2024 but prior to June 30, 2025.

KPBSD intends to use the E-Rate FCC Form 472 (BEAR) invoicing process.

Part 1: Category 2 Structured Cabling and Connectivity Components

In Part 1 of this RFP, KPBSD seeks proposals for structured cabling including Category 6 Ethernet and OS2 Single-mode Fiber, Network Racks, and accessories to support a partial refresh of building network infrastructure.

This Specification Sheet must be returned with RFP# 115-24

RFP – Part 1: E-Rate Category 2 Eligible Structured Cabling and Connectivity Components

Any vendor may bid on any or all services. Enter cost for each unit (Quantity 1) in **Cost per Unit** column.

This is the basis for our E-Rate application. Please include all costs KPBSD will be asked to pay. If you don't include it, I won't know to ask for it, and if I don't ask for it, we won't get it subsidized!

Company Name _____

Special Note on Product or Service Descriptions

KPBSD provides specific part numbers for products or services listed in RFP specification rows below as best able to aid vendors in any responses made to this RFP; however, we recognize that manufactures may periodically revise their part numbers or otherwise alter standard configurations used for submitting orders.

In the event part numbers or quantities listed for items do not align with current manufacturer configurations, please contact the KPBSD purchasing office **as soon as possible** to seek clarification. Timing is essential to allow for potential bid addendum(s) to be issued if needed and still meet our filing deadlines for E-Rate subsidy!

See **RFP Instructions to Bidders - Section K.5** for information on how to contact KPBSD Purchasing with any questions.

Row A	Project Scope (See Instructions Below)		
	Qty	Product or Service Description	Cost per Unit (Quantity 1)
Row B		Oberon (or equivalent) Right-Angle AP Wall Mount for Aruba	
B1	55	Oberon #1011-00-WH Right-Angle Access Point Wall Mount, White, No Vanity Cover, Aruba AP Compatible, or equivalent	
Row C		Tripp Lite (or equivalent) 48 Port Patch Panel	
C1	13	Tripp Lite #N252-048 Patch Panel, Black, 48 Ports, Cat6, TIA568A/B , or equivalent	
Row D		Tripp Lite (or equivalent) 24 Port Patch Panel	
D1	10	Tripp Lite #N252-024 Patch Panel, Black, 24 Ports, Cat6, TIA568A/B, or equivalent	
Row E		Tripp Lite (or equivalent) 4-Post Floor Rack	
E1	6	Tripp Lite #SR4POST Network Rack, Floor-Mounted, 4-Post, Open Frame, 45U, Uses M6 Cage Nuts/Screws, or equivalent	
Row F		Tripp Lite (or equivalent) Wall Rack	
F1	9	Tripp Lite #SRWO8U22 Network Rack, Wall-Mounted, Open Frame, Expandable 8U/12U/22U, or equivalent	
Row G		Tripp Lite (or equivalent) Vertical Cable Manager	

G1	9	Tripp Lite #SRCABLEVRT6 High Capacity Cable Manager, Vertical, Compatible with Tripp Lite #SR4POST, or equivalent	
Row H		Corning (or equivalent) Rack-Mount Fiber Connector Housing	
H1	16	Corning #CLSSC-02U Classic Closet Connector Housing, 2U, Supports 4 CCH Fiber Connector Panels, or equivalent	
Row I		Corning (or equivalent) Wall-Mount Fiber Connector Housing	
I1	2	Corning #WCH-02P Wall-Mountable Connector Housing, Supports 2 CCH Fiber Connector Panels, or equivalent	
Row J		Corning (or equivalent) CCH Panels	
J1	26	Corning #CCH-CP12-A9 Closet Connector Housing (CCH) Panel, LC Adapters, Duplex, 12-Strand, Single-Mode (OS2), or equivalent	
Row K		Corning (or equivalent) UniCam Connectors	
K1	132	Corning #95-200-99 UniCam Fiber Connectors, LC, Single-Mode (OS2), or equivalent	
Row L		Corning (or equivalent) Fiber Optic Cable	
L1	2,750' Min 5,500' Max	Corning #S-PN-12-DN-Y-L-SIC-CUT REEL Single-Mode OS2 Fiber Optic Cable, 12-Fiber, Tight-Buffered, Plenum, Yellow, or equivalent	
Row M		Belden (or equivalent) Category 6 Ethernet Cable	
M1	33,500' Min 67,000' Max	Belden #6P4P24-BL-P-BED-APIBDN-CE Category 6 Ethernet Cable, Solid Copper Conductor, 4-Part UTP-Unshielded, Plenum, Round, Blue, or equivalent	

Instructions	
Row A	Project Scope
A1	<p>In this single-part RFP, KPBSD seeks proposals for structured cabling and connectivity components to support a partial refresh of our existing network infrastructure.</p> <p>This RFP represents the horizontal cabling, access point mounts, rack hardware, and other components to support these upgrades.</p> <p>Special Notes:</p> <ul style="list-style-type: none"> The total amount of cabling needed for this project cannot be conclusively determined at this time; however, we have made a best effort attempt to project this amount. KPBSD intends to order cable in phases with one initial large order (Rows L1/M1 "Min") followed by subsequent order(s) as we progress through the project (Rows L1/M1 "Potential" for draft project projected needs). Proposal pricing should include costs per orderable unit, e.g. 1000' box @ \$XX.

	<ul style="list-style-type: none"> The mounts referenced in Row B are contingent on purchase of an Aruba AP solution for RFP #110-24. If another wireless vendor is selected (or no award is granted for APs) in RFP#110-24, KPBSD would not intend to award any responses to Row B in this RFP. <p>Purchase contract term would be from April 1, 2024 to June 30, 2025. Note that E-Rate permits Category 2 purchases to occur beginning April 1, 2024 for E-Rate funding year 2024-2025.</p> <p>In the perfect situation, E-Rate would notify us of our funding decision prior to the start of the funding year (July 2024), we would buy the equipment and install it during summer 2024. In the less-than-perfect situation, a funding decision could easily languish until after summer 2024 and well into the 2024-2025 school year.</p> <p>We will enter into a contract with the successful bidder contingent upon us receiving the E-Rate subsidy. We will both then wait patiently for notification of our funding award. If we do not receive the subsidy we seek, the contract is void and KPBSD may attempt to file again next year for E-Rate subsidy. E-Rate has certain requirements vendors and service providers must meet. You will need to be registered with a SPIN number or be able to get one. KPBSD reserves the right to execute the purchase at-risk following bid award (prior to E-Rate funding approval) if desired.</p> <p>Quantities noted are the minimum quantities. It is possible we could need more.</p> <p>Write your company name above the description block in the provided space.</p> <p>Responses to this specification sheet will be evaluated as described in section Q, subparts 3a-3g in the RFP Instructions to Bidders.</p>
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Row B	Oberon (or equivalent) Right-Angle AP Wall Mount for Aruba
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B1	The listed Oberon wall mount, or its equivalent, is the wall mount we desire. The equipment must be new and be eligible for manufacturer warranty.

Row C	Tripp Lite (or equivalent) 48 Port Patch Panel
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C1	The listed Tripp Lite patch panel, or its equivalent, is the patch panel we desire. The equipment must be new and be eligible for manufacturer warranty.

Row D	Tripp Lite (or equivalent) 24 Port Patch Panel
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D1	The listed Tripp Lite patch panel, or its equivalent, is the patch panel we desire. The equipment must be new and be eligible for manufacturer warranty.

Row E	Tripp Lite (or equivalent) 4-Post Floor Rack
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E1	The listed Tripp Lite network rack, or its equivalent, is the network rack we desire. The equipment must be new and be eligible for manufacturer warranty.

Row F	Tripp Lite (or equivalent) Wall Rack
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F1	The listed Tripp Lite network rack, or its equivalent, is the network rack we desire. The equipment must be new and be eligible for manufacturer warranty.

Row G	Tripp Lite (or equivalent) Vertical Cable Manager
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G1	The listed Tripp Lite cable manager, or its equivalent, is the cable manager we desire. The equipment must be new and be eligible for manufacturer warranty.

Row H	Corning (or equivalent) Rack-Mount Fiber Connector Housing
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H1	The listed Corning connector housing, or its equivalent, is the connector housing we desire. The equipment must be new and be eligible for manufacturer warranty.
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Row I	Corning (or equivalent) Wall-Mount Fiber Connector Housing
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I1	The listed Corning connector housing, or its equivalent, is the connector housing we desire. The equipment must be new and be eligible for manufacturer warranty.
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Row J	Corning (or equivalent) CCH Panels
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J1	The listed Corning connector panel, or its equivalent, is the connector panel we desire. The equipment must be new and be eligible for manufacturer warranty.
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Row K	Corning (or equivalent) UniCam Connectors
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K1	The listed Corning fiber connector, or its equivalent, is the fiber connector. The equipment must be new and be eligible for manufacturer warranty.
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Row L	Corning (or equivalent) Fiber Optic Cable
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L1	<p>The listed Corning fiber optic cable, or its equivalent, is the fiber optic cable we desire. The equipment must be new and be eligible for manufacturer warranty.</p> <p>KPBSD intends to initially order 2,750 feet of cable (or the closest amount given spool sizes available). As the project progresses, we may need additional cabling, up to an expected max project total of 5,500 feet.</p>
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Row M	Belden (or equivalent) Category 6 Ethernet Cable
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M1	<p>The listed Belden ethernet cable, or its equivalent, is the ethernet cable we desire. The equipment must be new and be eligible for manufacturer warranty.</p> <p>KPBSD intends to initially order 33,500 feet of cable (or the closest amount given spool/box sizes available). As the project progresses, we may need additional cabling, up to an expected max project total of 67,000 feet.</p>
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