

E-Rate Form 470 Request for Proposals

for Wireless Access Points and Licenses

Issued by:

Hillsboro School District 1J

3083 NE 49th Place

Hillsboro, OR 97124

Issue Date: January 21, 2022

RFP Due Date: February 25, 2022 by 2:00 p.m.

Form 470 Number: 220014469

Question Submission: Procedural or inquires about submission may be submitted electronically via email to TSRFPResponse@hsd.k12.or.us.

Proposal Posting and Updates Site: <https://www.hsd.k12.or.us/domain/1260>
Check this site often for updates or addendums. Check this site prior to submission.

Project Name: Wireless Access Points and Licenses

Purpose & Scope:

Hillsboro School District 1J is seeking bids for new wireless access points (WAPs) and operating licenses at the new ES29 Elementary School (7201 SE Kinnaman Road, Hillsboro, OR 97123) that will open in Fall 2023. Equipment would be purchased and delivered in the spring of 2023. All bid responses should offer fully operational configurations and related components. Proposals should include equipment, necessary software, licenses, taxes and fees, and shipping. All equipment and hardware supplied must be new and must have make and model numbers within the quote. Licensing, subscription and support costs shall be included at a 5-year term.

Submission of information:

1. All proposals should be bundled into a single PDF document and emailed to: TSRFPResponse@hsd.k12.or.us

2. All proposals should be formatted with the below sections in the provided order:
 - a. Section 1: Table of Contents
 - b. Section 2: Company Background & Information
 - i. General company background and E-rate history.
 1. Required for submission: Provide E-rate SPIN
 - ii. Contacts for this RFP
 - c. Section 3: Proposed Wireless Access Point models (requirements and specifications below)
 - i. Provide model(s) and specifications
 - ii. Confirm reference design match to equivalent features list for each specification below by model
 - d. Section 4: Provide information and documentation of the manufacturers warranty and support for all components and services. HSD prefers to go directly to the manufacturer for technical support following the project closeout.
 - e. Section 5: Pricing
 - i. Include budgetary total cost for all needed Wireless Access Points and Licenses.
 1. Provide 5 years of licensing, subscriptions and support costs for all components
 2. No professional services are being requested
 - ii. Provide any options for purchasing through a state contract, reciprocal government agency contract or consortium purchase.

Wireless Access Point Specifications and Quantities:

1. Wireless Access Point (WAP) Required Quantity: 47
2. Wireless Access Point Reference Design: Mist AP32 or equivalent
 - a. <https://www.juniper.net/content/dam/www/assets/datasheets/us/en/access-points/ap32.pdf>
 - b. Wireless Access Point Specifications
 - Dual radio (5GHz 4x4:4 MIMO, 2.4GHz 2x2:2 MIMO)
 - Integrated internal antennas
 - 802.11ax (WiFi 6)
 - Backward-compatible to 802.11a/b/g/n/ac
 - Minimum 500 client devices per radio
 - Minimum 16 BSSIDs per radio
 - Minimum 1 x 1Gbps RJ45 Ethernet port, preference given to 1 x 2.5Gbps 802.3bz Ethernet port
 - 802.3af/at/bt PoE power options - identify minimum power class for full functionality; identify feature limitations if AP is attached to an 802.3af PSE

- Dedicated third radio for continuous WIDS / WIPS / RF management
- Devices shall be cloud-managed. On-premise control / management systems will be disqualified
- Devices must support WPA2-PSK, WPA2-Enterprise with 802.1X, EAP-TLS, EAP-TTLS, and EAP-MSCHAPv2
- Devices must continue to pass traffic and allow new client connections under the following conditions:
 - No connectivity to the cloud management system
 - Expired cloud management portal license / support contract
 - After a power-loss when no connection to the cloud management system exists (run with last-known configuration)
- Devices must support native device configuration, monitoring, and patching with the Mist cloud management platform
- Prefer lifetime warranty

RFP Evaluation Scoring:

Scoring of the proposal shall follow the below weighting:

- Price of eligible services (60%)
- Specification requirements (40%)