

**FALLBROOK UNION ELEMENTARY SCHOOL DISTRICT**

Form 470 # 220005768  
RFP No. # 22-02, Outdoor Access Points and AP Licensing

**REQUEST FOR PROPOSAL  
INTERNAL CONNECTIONS**

**OUTDOOR ACCESS POINTS AND AP LICENSING  
Addendum No. 2**

Date: December 22, 2021

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THIS AMENDMENT IS ISSUED AS ADDITIONAL INFORMATION AND/OR AS A CHANGE IN SPECIFICATIONS OR INSTRUCTIONS TO ALL PROSPECTIVE BIDDERS INTERESTED IN THE ABOVE-MENTIONED REQUEST FOR PROPOSAL.

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The due date for this RFP is being extended as follows.

**RFP REVISED DUE DATE: January 20, 2022 2:00pm**

**REQUEST FOR INFORMATION:**

Q. Is it okay to mount poles on buildings for access points?

A. Yes

Q. Is this for learning access for students?

A. Yes, however staff will also need to connect to the Wi-Fi, especially on the field areas.

Q. How many people will be connecting?

A. Approximately 30 devices per AP.

Q. Do classrooms have drop ceilings?

A. Yes, most classrooms have drop ceilings.

Q. Do you prefer CAT6 or CAT 6A cabling?

A. CAT6A is preferred.

Q. Does the vendor need to provide a turnkey solution is FUESD going to do the configuration?

A. Vendors should provide a turnkey solution. FUESD will be responsible for any configuration changes that need to be made on existing switches.

Q. Can extra cat6 patch panel space be utilized?

A. Yes, extra CAT6 space on existing patch panels may be used.

Q. Can trees be trimmed, if necessary?

A. Yes, trees may be trimmed if no other option is available to provide the necessary coverage.

Q. Is there a path (conduit) to the field houses located on the Live Oak Elementary and William H. Frazier Elementary Campuses?

A. No path currently exists for either field house.

Q. Are we able to submit the entire proposal solely via email?

A. Yes, proposals may be sent solely via email to [kfell@fuesd.org](mailto:kfell@fuesd.org).

Q. In order to provide the best detailed RFP response, would the district extend the RFP due date for 1 week till 1/10/2022? With the holidays coming up and having many employees out on planned holidays, this leaves very little time to provide a detailed response from the time the answers to any questions are released (around 12/23) until the current due date of Monday 1/3/2022.

A. The RFP due date has been extended to January 20, 2022 2:00 PM

Q. On page 14 you are asking for a 3-year license for the access point but on page 15 you are asking for the cost of recurring charges after year 1. Should page 15 be asking for the recurrent charges after year 3?

A. Yes, recurring charges should be after the initial three-year license term.

Q. Would the district like to have an additional CAT6 drop at each access point location? This second drop can be coiled up and used for a future need. We always suggest for outdoor wireless projects to pull a second cable at the time when pulling the first. The cost difference is just in the materials for the most part.

A. Two drops per access point is preferred, however, please indicate any costs associated with the second drops as ineligible.

Q. For the outdoor wireless there are a couple of options available for capacity. You can go with a 2:2:2 Stream MIMO access point which is a lower cost but has lower throughput for the clients or you can go with a 4:4:4 Stream MIMO access point which allows users to have higher throughputs. Both AP's will provide a similar coverage, but the capacity of the 4:4 is much higher. Can you specify what you would like as a baseline for your outdoor access points? The 2:2 has a typical max throughput of 1.7Gbps and the typical 4:4 has throughput of 3.5Gbps.

A. The 2:2:2 Stream MIMO access point should be sufficient to meet our needs.

Q. Will the district provide us the locations of the nearest MDF/IDF within the buildings to the proposed AP location? This will help determine the distance of cabling needed for the new AP.

A. Yes. Maps showing IDF/MDF locations will be provided as an addendum.

Q. Does the district have any preferred mounting and installation location of the outdoor AP's?

A. AP's should be mounted on the exterior of existing buildings. Exact locations will be determined by vendor based on the proposed solution.

Q. Is the vendor to assume that the district will ensure network connectivity switchport availability and PoE requirements are met for the AP's? Or should we include switches to support the AP's?

A. Vendors can assume that the district will ensure network connectivity switchport availability and PoE Requirements are met for the AP's.