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## RAYMORE-PECULIAR SCHOOL DISTRICT

# Memo

**To:** Raymore-Peculiar Board of Education  
Dr. Kari Monsees – Superintendent of Schools

**From:** Ryan Gooding, Director of Technology

**Date:** April 18, 2019

**Re:** Wireless Network Equipment, E Rate RFP

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### **Background Information:**

The Raymore-Peculiar technology department currently manages three legacy wireless network systems across the district that reach every classroom and common space. With the increased usage of wireless devices and the resulting wireless traffic, a new wireless network system is needed to unify our system and deliver digital content to our students and staff.

A Request for Proposals (RFP) process was conducted by Raymore-Peculiar School District Administration using the E Rate process and made available to vendors across the country via the USAC web portal. The E Rate program provides discounts to assist schools and libraries in the United States to obtain affordable Internet access with a focus on delivering internet to the classroom. Discounts for support depend on the level of poverty and the urban/rural status of the population served and range from 20% to 90% of the costs of eligible services. The Raymore-Peculiar School District estimates to receive a 50% reimbursement of funds for this purchase.

E Rate Proposals were received from three (3) vendors. District personnel spent many hours over the past several months reviewing wireless network systems including an extensive on campus proof of concept demonstration to replicate each proposed unit's performance under stress on our network. In considering all bids, it was determined that Aruba would be the preferred solution as their device outperformed all others tested while also providing the lowest cost per unit. The wireless enhancements will address existing technical issues, boost wireless performance and provide an enhanced level of traffic control.

It is recommended that the Raymore-Peculiar School District approve the purchase of Aruba wireless management, service and equipment from Yellow Dog. This purchase will allow the district to standardize on one platform with improved performance, availability and reliability. Implementation will begin in June with projected completion by July of 2019. All schools will be upgraded and receive immediate benefits by August of 2019.

Technology has allocated funds in the 2019-20 budget proposal presented during the March work session for this purchase.

### **Administrative Recommendation**

The Administration recommends that the Board of Education approve the purchase of Aruba wireless network licensing, service and equipment for \$259,864.30 from Yellow Dog.

## Final Bid Tabulations

<b>VENDOR</b>	<b>Proposed Solution</b>	<b>Base Bid</b>
Aercor Wireless	Aerohive AP630 w/ 5 Year License	\$413,230.80
Aercor Wireless	Aerohive AP250 w/ 5 Year License	\$305,782.80
Converge One	Meraki MR42 w/ 5 Year License	\$417,455.50
Converge One	Meraki MR33 w/ 5 Year License	\$296,180.50
Yellow Dog	Aerohive AP250 w/ 5 Year License	\$311,096.00
Yellow Dog	Aruba 305 w/ 5 Year License	\$259,864.30