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**DATE: April 5, 2016**

**ACTION ITEM**

<b>SUBJECT</b>	<b>Upgrade of Wi-Fi Infrastructure for Alleghany High School</b>
<b>RATIONALE</b>	At Alleghany High School, the Wi-Fi infrastructure is being refreshed in its entirety in support of the One-to-One Initiative. The switching equipment will maximize network throughput and will provide power over Ethernet capabilities. The access point installations have been designed to minimize signal interference and maximize throughput at the classroom level. Two bids were received by the specified deadline. A third bid was received after the deadline and was returned. The higher bid provided by ABS Technology is being recommended as described below.
<b>ESTIMATED COSTS</b>	\$146, 724
<b>BUDGET CATEGORY</b>	VPSA - \$106,724 and Medicaid - \$40,000
<b>LEGAL REFERENCE</b>	N/A
<b>STAFF CONTACTS</b>	Jeff Alleman and Mary Jane Mutispaugh
<b>SUPERINTENDENT'S RECOMMENDATION</b>	Recommended

**BID SUMMARY**

<b><u>Bidder</u></b>	<b><u>Price</u></b>	<b><u>Components Brand</u></b>
ABS Technology	\$146,724	Cisco
Advanced Network Systems	\$115,120	Extreme Networks

The higher bid provided by ABS Technology is recommended due to their specification of Cisco component products per the following considerations:

- 1) We do not currently have Extreme Network components in the division and, as such, our IT technicians are not familiar with them whereas they are with Cisco components.
- 2) Our current IT infrastructure is predominately Cisco and maintaining uniformity of components will maintain efficiencies in terms of repair, replacement, troubleshooting, and support.
- 3) The technical support provided by Cisco has been exemplary.
- 4) The Jackson River Technical Center previously utilized Extreme Network components and the experience was not favorable in terms of the life expectancy of the components and the level of technical support provided.