
Manheim Township School District

Board Agenda Item

	Information Only	Work Session	Regular Session Consent Item
Dates:		2/9/2017	2/16/2017
Subject:	Approval of two technology upgrades to support the Mobile Learning initiative: (1) Internal network infrastructure in all buildings and (2) bandwidth upgrades to elementary buildings located off the main campus.		
Contact Person:	Mike Lichtenwalner		
Policy / Code:			
Summary:	<p>Internal network infrastructure upgrades include: replacement and additional wireless access points, replacement and additional network switches, software to manage the access points and switches, and wiring installed in classroom ceilings for additional access points. The upgrades are required to support an increase in network usage created by the Mobile Learning initiative.</p> <p>Quotes for the infrastructure upgrades were obtained following E-Rate guidelines. We conducted a “PEPPM Mini Bid” – PEPPM is a state program that requires vendors to submit state-wide bids for their products. School districts can then take advantage of the bidding power of the entire state without conducting their own bid. Our requirements were sent to all vendors authorized by PEPPM to sell network products. The costs submitted by the winning vendors were more than 30% below list price. We will pay the quoted price for the products and services, and we will receive a reimbursement of approximately 35% of the total cost from the federal E-Rate program. This purchase will be paid using the Capital Reserve Fund</p> <p>Equipment: \$450,734.65 (The Optional item at \$58,050 was not accepted.) Cabling: \$69,958.37 Estimated E-Rate refund: \$191,000</p> <p>Bandwidth upgrades to elementary buildings are needed to support additional network devices (iPads). We are in year two of a five-year contract with Comcast for these connections. Our current bandwidth is 100 Mbps, and we can upgrade that to 200 Mbps for less than doubling the monthly cost. Our contract will not be extended past the original five-year term. The monthly cost for the current 100 Mbps connections is \$4,000; the monthly cost for 200 Mbps connections is \$7,000, and it will be paid from the General Fund.</p> <p>Additional Monthly Cost: \$3,000 Estimated E-Rate refund: \$1,200</p>		
Attachment:	Network hardware quote; Network cabling quote; Bandwidth upgrade quote		
Recommendation:	Approve technology upgrades to support the Mobile Learning initiative: (1) Internal network infrastructure in all buildings and (2) bandwidth upgrades to elementary buildings located off the main campus.		