To: Board of Education

From: Jerri Kemble, assistant superintendent, innovation & technology, ext. 2755
        Jennifer Fessenden, supervisor, technology services, ext. 2201

Re: Upgrade of Cisco Unified Communications System & Fiber Channel Switches

Date: December 8, 2016

Background:
In the summer of 2009, USD 497 installed a Cisco Unified Communications system
which provides voice services to the entire district and also utilizes a mechanism for
employee timeclock services. The system was upgraded to virtual machines in 2012. In
addition, the district has four 4GB fiber channel switches that support the
communications system.

Rationale:
The district's current version of the Unified Communications system is v8.6 and is
nearing end of support. The system is experiencing periodic fails and is in need of
upgrading. The most current version available is v11.5. The Technology Services
Department has reached out to Cisco and our Cisco representative, Alexander Open
Systems (AOS), for a system analysis and recommendation. After several meetings, it
has been determined that a system upgrade, including software and hardware is
essential. In addition, in order to support the upgrade, the four 4GB fiber channels
should also be replaced with 8GB fiber channels to prevent a performance bottleneck.
Alexander Open Systems has provided the district with quotes for the Unified
Communications system upgrade and the Fiber Channel switch upgrade. The quotes
include software, hardware, installation, set up, transfer of knowledge, and all
documentation, as well as back up support and confirmation of successful backup
execution.

Recommendation:
Administration recommends board approval for an upgrade of the Cisco Unified
Communications system and Fiber Channel switches by AOS at the cost of $206,568.55
to be paid from the Technology – Capital Outlay Fund under the Kansas State Contract
#10330.

Motion:
"I move the Board of Education approve an upgrade of the Cisco Unified
Communications system and Fiber Channel switches by Alexander Open Systems at the
cost of $206,568.55."