

Executive Summary

Topic: Network Upgrade

Committee Date: October 24, 2011

Summary:

The Technology Department has seen an increase in bandwidth requirements related to some of the new technology deployed in the data center upgrade project. The increased bandwidth needs have highlighted the need for upgrading currently installed Cisco switches in the buildings. In addition, the switches currently installed in the buildings are approaching the end of their useful life span. In fact, several of the switches in question have failed over the past two months.

The department is proposing upgrading both core switches and classroom switches. Core switches connect each building to the district data center, which classroom switches connect the computers in each building to the local area network (LAN) for each building.

Cisco products have been quoted based on state contract pricing. Two quotes have been provided. One quote listed for \$154,617 includes core switching equipment for each WCSD site. The second quote was received to encompass all necessary upgrades from the core of each building to the classroom level.

Technology Capital Reserve will be used to fund this project.

Recommended Motion:

That the Board of School Directors approves the proposal from OpenArc to replace all switches and associated networking components included in the quote with installation at the cost of \$468,445.