

Smart Schools Bond Act

Baldwinsville Central School District

Public Hearing

December 5, 2016



Smart Schools Bond Act

- Approved by the voters in 2014 General Election
- Authorized the issuance of \$2 billion :
 - educational technology and infrastructure to improve learning opportunity for students
 - requires Review Board approval of districts' Smart Schools Investment Plans before any funds may be made available for the program.
 - Baldwinsville share is 3.6 Million

Baldwinsville Central School Smart Schools Investment Plan

Refreshing the District's switching infrastructure will support the District's efforts to connect all of the District's school buildings to high-speed broadband to support technology enabled and digital instruction learning.

A switch implementation upgrade will enhance the District's internet connectivity at all of our buildings, benefiting students and instructional and non-instructional staff.

The new solution will utilize 40GbE uplinks between buildings, 10GbE uplinks inside buildings and HP smart rate ports.

Current Environment:

Aging network (~10 yrs) of HP 5400 xl and 3800 switches with 10 GbE uplinks between buildings.

Solution Summary

Network replacement of switches with HP 5400R zl V2 and 3810 switches.

The new solution will utilize 40GbE uplinks between buildings, 10GbE uplinks inside buildings and HP smart rate ports.

Product Estimate

The hardware and software required for the successful implementation of the switch infrastructure upgrade is approximately \$1,336,470.00.

More Information Smart Schools Bond Act

Baldwinsville website:

<http://www.bville.org/teacherpage.cfm?teacher=5022>

NYSED website:

http://www.p12.nysed.gov/mgtserv/smart_schools/