

Binghamton City School District

Smart Schools Bond Act Investment Revised Proposal

Dawn F Young

Director of Educational Technology

June 1, 2017

Providing a rich environment for quality learning



Opportunity • Excellence • Community

Purpose and Amounts

Binghamton City School District Allocation: \$5,247,780 Million (no deadlines for use)

“The purpose of the Smart Schools Bond Act is to improve learning and opportunity for public and nonpublic school students by funding capital projects to:

- 1. Install high-speed broadband or wireless internet connectivity for schools and communities;*
- 2. Acquire learning technology equipment or facilities, including but not limited to interactive whiteboards, computer servers, and desktop, laptop, and tablet computers;*
- 3. Construct, enhance, and modernize educational facilities to accommodate prekindergarten programs and to provide instructional space to replace classroom trailers; and/or*
- 4. Install high-tech security features in school buildings and on school campuses, including but not limited to video surveillance, emergency notification systems, and physical access controls.”*

Smart Schools Bond Act Implementation Guide

Providing a rich environment for quality learning



Purpose and Amounts

Binghamton City School District Allocation: \$5,247,780 Million (no deadlines for use)

“The purpose of the Smart Schools Bond Act is to improve learning and opportunity for public and nonpublic school students by funding capital projects to:

- 1. **Install high-speed broadband or wireless internet connectivity for schools and communities;***
- 2. **Acquire learning technology equipment or facilities, including but not limited to interactive whiteboards, computer servers, and desktop, laptop, and tablet computers;***
- 3. **Construct, enhance, and modernize educational facilities to accommodate prekindergarten programs and to provide instructional space to replace classroom trailers; and/or***
- 4. **Install high-tech security features in school buildings and on school campuses, including but not limited to video surveillance, emergency notification systems, and physical access controls.”***

[Smart Schools Bond Act Implementation Guide](#)
Providing a rich environment for quality learning



State Approval Process

1. BCSD Board of Education Preliminary Approval
2. Smart Schools Investment Plan (SSIP) on website for 30 days
3. Smart Schools Hearing for public comment
4. BCSD Board of Education Final Approval
5. Submission of Smart Schools Investment Plan to NYSED
6. NYSED Review Board Approval of SSIP

Providing a rich environment for quality learning



BCSD Technology At A Glance

Building	Enrollment	Student Desktops & Mobile Devices	Ratio Students:Device
BHS	1626	1067	1.5:1
East Middle School	562	392	1.4:1
West Middle School	624	420	1.5:1
Franklin	429	276	1.6:1
Jefferson	294	220	1.3:1
Mann	266	211	1.2:1
Roosevelt	407	314	1.3:1
Coolidge	303	240	1.3:1
MacArthur	423	235	1.8:1
Wilson	393	344	1.2:1

Providing a rich environment for quality learning



3 Focus Areas over 4 years/phases

Multiple funding streams

- Infrastructure
- 1:1 Device Phase-in
- Upgrade SMARTBoards

Providing a rich environment for quality learning



Preliminary Plan Highlights Phase 1

- Infrastructure Upgrades—Summer 2018
 - Foundation to sustain 1:1 roll-out: new cabling throughout buildings, upgrade switches, additional access points
 - BHS, East Middle School, West Middle School
 - Remaining Buildings aligned with Capitol Projects Committee to determine overlap
 - **Estimated Cost: \$3,350,506**

PHASE 1 TOTAL Cost \$3,350,506

Providing a rich environment for quality learning



Long Term Plan Highlights 2018-2020

- Infrastructure Upgrades
 - All remaining buildings
 - Aligned with Capitol Projects Committee
- 1:1
 - Grades 2-12
 - Phase in at least 2 grade levels/year growing out from grades 5 & 6
 - Restructure IPA funds—no SSBA funds used
- Replace SMART Boards
 - Aligned to IPA Schedule
 - **Estimated Cost: \$1,897,274**

Providing a rich environment for quality learning

