

# **Final Smart Schools Investment Plan (SSIP)**

October 13, 2015

# What is the Smart Schools Bond Act?

- Proposal by Gov. Cuomo to fund technology and expand Pre-K throughout the state
- Voted and passed on November 4th
- Churchville-Chili School district can apply for \$3,099,982

# Purpose

- Acquire learning equipment for facilities, i.e. SMART boards, projection systems, devices
- Infrastructure upgrades, i.e. wireless, servers, storage, point-point connections, community connectivity
- Construct, enhance, modernize facilities to accommodate Pre-K programs
- Install high-tech security features in school buildings, video surveillance, door access controls

# Requirements to Attain Funding

- Submit Three Year District Technology Plan to the State
- Preliminary Smart Schools Investment Plan - Public Hearing
- Post Preliminary SSIP for 30 days for community comments
- Board approval of a Final Smart Schools Investment Plan
- Post the Final SSIP on the district website
- SSIP submission to NYSED for approval

# **Final Smart Schools Investment Plan (SSIP)**

# 1:1 Teacher Laptops

- 3 year teacher laptop distribution plan

Description	2016-17	2017-18	2018-19
Teacher Laptops (9-12)	\$81,540		
Teacher Laptops (K-4)		\$81,540	
Teacher Laptops (5-8)			\$81,540

# 1:1 Student Chromebooks (Grades 3-12)

<i>Description</i>	<i>2016-17</i>	<i>2017-18</i>	<i>2018-19</i>
Students Grades 4/6/9/10/12	\$361,350		
Students Grades 7/8		\$141,255	
Students Grades 3/5/11			\$219,000

# Grades K-2 iPad centers

- Quantity (5) iPads in K-2 Classrooms

Description	2016-17		
iPads	\$84,150		

# Classroom Smartboard/projector replacements

- 10-Point Multi-Touch Interactive LED Flat Panels

<i>Description</i>	<i>2016-17</i>	<i>2017-18</i>	<i>2018-19</i>
SHS Classrooms	\$230,725		
K-4 Classrooms		\$295,600	
5-9 Classrooms			\$319,500

# Multi-Touch Interactive LED Flat Panel vs. IWB

Extend refresh cycles, lower total costs of ownership, and future proof the classroom

## Significant Maintenance Reduction

- ~~lamps~~
- ~~filters~~
- ~~cleaning~~
- ~~downtime~~
- uptime 50,000+ hrs
- Longer Life Span

## FUTURE Proof Technology

- ~~Single Touch~~
- ~~2, 4, or 6 Touch~~
- True 10-Point Multi-touch
- ~~Limited Inputs~~
- 3x HDMI
- 3x VGA
- AV
- Digital Audio
- ~~XGA~~
- True 16:9 HD

## ACCESS To Technology

- Integrated WiFi Hotspot
- Android On Board
- Computer Free Instruction
- Substitute Ready
- Brighter Clearer Image
- Annotation and Whiteboard Software

# Infrastructure Core/Wireless Upgrades

- Replacing original core switch
- 10GB backbone speeds
- Support 802.11ac wireless protocol
- Improved redundancies

Description	2016-17		
Infrastructure/Wireless Upgrade	\$849,184		

# Server/Storage/DR Site Upgrades

- New server/virtualization stack
- Simplified design – single point of maintenance
- Increased storage capacity
- Resilient and self healing
- Matching disaster recovery site capacity

Description	2016-17		
Server/Storage/DR Site	\$354,598		

# Investment Summary

Qty/Year	Desc	Each	2016-17	2017-18	2018-2019	
135	Teacher Laptops	\$ 604.00	\$ 81,540.00	\$ 81,540.00	\$ 81,540.00	
1650	Student 4/6/9/10/12 Grade Level Chromebooks	\$ 219.00	\$ 361,350.00			
645	Student 7/8 Grade Level Chromebooks	\$ 219.00		\$ 141,255.00		
1000	Student 3/5/11 Grade Level Chromebooks	\$ 219.00			\$ 219,000.00	
225	K-2 iPad Centers	\$ 374.00	\$ 84,150.00			
55	SHS Classroom 70" Interactive Flat Panels	\$ 4,195.00	\$ 230,725.00			
80	K-4 Classroom 70" Interactive Flat Panels	\$ 3,695.00		\$ 295,600.00		
100	5-9 Classroom 70" Interactive Flat Panels	\$ 3,195.00			\$ 319,500.00	
	Infrastructure Core/Wireless Upgrades		\$ 849,184.00			
	Server/Storage Upgrades		\$ 354,598.00			
	<b>TOTALS</b>		\$ 1,961,547.00	\$ 518,395.00	\$ 620,040.00	\$ 3,099,982.00