



# Smart Schools Investment Plan

Public Hearing  
March 16, 2016



# Smart Schools Bond Act

- Statewide Referendum - November 2014
- Can be used to fund projects to:
  - Install high-speed broadband or wireless internet connectivity for schools and communities
  - Acquire technology equipment or facilities
  - Construct, enhance and modernize facilities for pre-kindergarten programs or to replace classroom trailers
  - Install high-tech security features

BCSD Allocation

\$624,371



# BCSD Smart Schools Investment Plan

## Aligned to the 2015-2018 BCSD Technology Plan

- Replaces aging network hardware in Elementary Schools, Hillside and FLMS
- Replaces aging core network hardware
- Replaces existing and increases total Wireless Access Points at Elementary Schools & Hillside
- Replaces aging voice gateways
  - connect incoming telephone circuits to technology network
  - connect safety systems to public address systems



## Changes since Board of Education acceptance of the Preliminary SSIP on February 10, 2016

- Removal of software & licenses for associated hardware
  - Per updated NYSED release this cannot be included
- Reduction in Professional Services
- Addition of Battery Backup Hardware
- Addition of some FLMS Wireless Access Points



# SSBA Funds Sub-Allocation Category: School Connectivity

SSBA Connectivity Projects for Schools	Sub-Allocation
Network / Access Costs <ul style="list-style-type: none"> <li>- Update FLMS Network Hardware (13 switches)</li> <li>- Update Elementary Network Hardware (30 switches)</li> <li>- Hillside Network Hardware (1 switch)</li> <li>- Update Core Network Hardware (2 core switches)</li> <li>- Network Closet Battery Backup Hardware</li> </ul>	\$71,585.25 \$207,317.00 \$9,845.00 \$65,983.50 \$10,237.63
School Internal Connections and Components <ul style="list-style-type: none"> <li>- Expand Wireless Access for Elementary Classrooms (235 access points)</li> <li>- Expand Wireless Access for Hillside (4 access points)</li> <li>- Replace Aging FLMS Wireless Access Points (55 access points)</li> </ul>	\$141,528.75 \$2,409.00 \$33,123.75
Professional Services	\$61,310.00
<b>TOTAL</b>	<b>\$603,339.88</b>



## SSBA Funds Sub-Allocation Category: High-Tech Security Features

<b>SSBA High-Tech Security Features</b>	<b>Sub-Allocation</b>
Other Costs - Voice Gateways - Connections to Lockdown Alarm Systems	\$20,594.75
<b>TOTAL</b>	<b>\$20,594.75</b>



# Smart Schools Investment Plan Summary

SSBA Budget Category	Allocations
School Connectivity <ul style="list-style-type: none"> <li>- Update Elementary, Fox Lane Middle School and Hillside Network Hardware</li> <li>- Expand Wireless Access for Elem. Classrooms and Hillside</li> <li>- Update Core Network Hardware</li> </ul>	\$603,339.88
Connectivity Projects for Communities	\$0
Classroom Technology	\$0
Pre-Kindergarten Classrooms	\$0
Replace Transportable Classrooms	\$0
High Tech Security Features <ul style="list-style-type: none"> <li>- Update Voice Gateways - connections to lockdown systems</li> </ul>	\$20,594.75
<b>Total:</b>	<b>\$623,934.63</b>

**TBD: \$436.37**



## E-Rate - Additional funds available

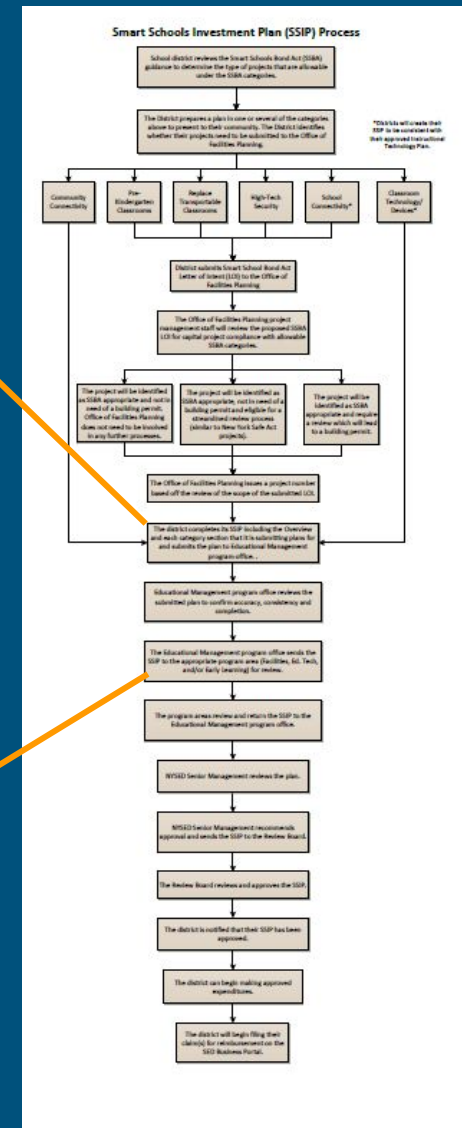
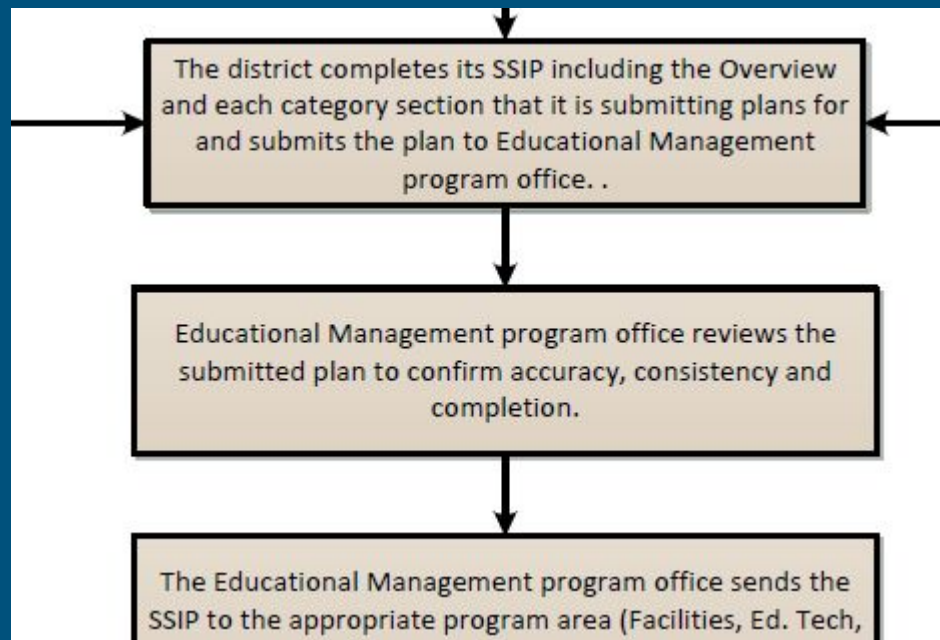
- Federal Technology Discount Program - USAC
- Infrastructure Qualifies for Category 2 Discount
- BCSD Rate is 50%
- \$150 x school enrollment x 50%

E-Rate Eligible Purchases	\$455,047.38
Add back non E-Rate Purchases	\$168,887.25
Total Purchases	\$623,934.63
<b>Potential E-Rate Discount</b>	<b>-\$218,925.00</b>
Potential Phase 1 Total SSIP Reimbursed Expenses	\$405,009.63
Smart Bond Allocation	\$624,371.00
<b>Potential Balance Available for Phase 2 SSIP</b>	<b>\$219,361.37</b>





## SSIP Approval Process





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Connectivity Projects for Communities	\$0
Classroom Technology	\$0
Pre-Kindergarten Classrooms	\$0
Replace Transportable Classrooms	\$0
High Tech Security Features <ul style="list-style-type: none"> <li>- Update Voice Gateways - connections to lockdown systems</li> </ul>	\$20,594.75
<b>Total:</b>	<b>\$623,934.63</b>

**TBD: \$436.37**