



**Jordan-Elbridge  
Central School District  
Smart Schools  
Preliminary Investment Plan**

**April 6, 2016**

*Cultivating the **BEST** in personal growth and achievement*



# Smart Schools



- The Smart Schools Bond Act (SSBA) was passed as part of the 2014-15 New York state budget
- The SSBA authorized the issuance of \$2 billion in bonds to finance educational technology and infrastructure to improve learning opportunities for students throughout the state



# Smart School Requirements

The Smart Schools Bond Act requires schools to make strategic decisions regarding upgrades. To be eligible for funding, each school district is required to:

- Draft a Smart Schools Improvement Plan (SSIP) linked to a long-range educational technology plan;
- Involve the community in its planning; and
- Have the Smart Schools plan approved by the New York State Education Department as part of a detailed review process.



# Examples of eligible Smart Schools projects

## **Smart Schools projects generally fall into one of four categories:**

- Projects to increase connectivity, such as construction and wiring costs for expanding wired/wireless access in and around school buildings
- Projects to provide learning technology equipment, such as interactive whiteboards, computer servers, tablets, and desktop/laptop computers
- Projects to facilitate pre-K upgrades and/ or replace temporary classrooms, such as building new pre-K classrooms, modernizing existing facilities used for pre-K, and building new space to replace temporary classrooms
- Projects to install high-tech security, such as cameras, main entrance intercoms and locking systems, and the installation of other security features



## Jordan-Elbridge Allocation



- District allocation: \$1,387,107
- District proposes to use: \$853,779
- Remaining balance: \$533,328



# Projects to increase connectivity in and around all school buildings

- Installation of 10 GB fiber backbone between closets and between buildings
- Installation of 10 GB capable network switches to provide 1 GB connection to end devices
- Installation of wireless access points (WAPs) to increase density to one WAP in each classroom
- Installation of Cat-6 wiring for wireless access points and computer lab data drops





# Projects to install high-tech security features

- Installation of HD NVR servers to provide storage for recorded videos
- Installation of one 16-megapixel camera at entrance of each building
- Installation of additional interior cameras for increased coverage





# Preliminary Investment Plan – Purchasing & Installation Estimates

Item	Elbridge Elementary	RMS/DO	High School	Field House	TOTAL
Install Fiber Backbone, Cat 6 cabling for WAPs and Data Drops	\$66,378	\$66,994	\$49,915	\$2,024	\$185,311
Install Network Switches	\$78,105	\$170,467	\$131,480	\$9,296	\$389,348
Install Wireless Access Points	\$15,128	\$36,307	\$25,214	\$4,034	\$80,683
Install Network Video Recorders for Cameras	\$16,293	\$32,585	\$32,585	-	\$81,463
Install Exterior Cameras	\$1,158	\$1,158	\$1,158	-	\$3,474
<b>Installation Total</b>	<b>\$177,062</b>	<b>\$307,511</b>	<b>\$240,352</b>	<b>\$15,354</b>	<b>\$740,279</b>





## Preliminary Investment Plan – Professional Services Estimates

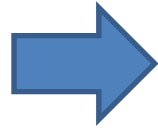
Item	Elbridge Elementary	RMS/DO	High School	Field House	TOTAL
Professional Services - A/E Fees	\$16,384	\$28,455	\$22,240	\$1,421	\$68,500
Professional Services - Clerk of the Works	\$10,763	\$18,693	\$14,611	\$933	\$45,000
<b>Professional Services Total</b>	<b>\$27,147</b>	<b>\$47,148</b>	<b>\$36,851</b>	<b>\$2,354</b>	<b>\$113,500</b>

Purchase, Installation  
& Professional Services  
**Grand Total: \$853,779**

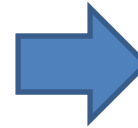


# Next Steps

**1.** BOE approves Preliminary Investment Plan (4/6/16)

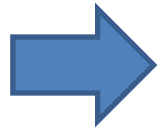


**2.** Plan posted on district website for 30 days



**3.** Public Hearing at BOE meeting (5/18/16)

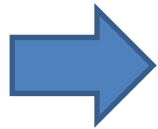
**4.** BOE approves Smart Schools Investment Plan. Final plan posted to district website



**5.** District submits SSIP through Business Portal for review



**6.** NYSED and Smart Schools Review Board reviews and approves plan



**7.** Expenditure and reimbursement of funds





# Questions?

