



Smart Schools Bond Act Investment Plan – Phase I

Total District Allocation = \$4,300,000

Phase I Pricing: \$932,084

School Connectivity:

Wi-Fi

Replacement Wi-Fi project at Elementary Schools

Description	Est. Cost
Switches, Wireless Access Points, Installation	\$715,940
High Tech Security	\$216,144
Total	\$932,084

Rationale:

This school connectivity project will allow the District to work with BOCES to upgrade our infrastructure to meet the necessary speeds. The infrastructure upgrade will be completed by May 2017. By June 2017, the District will contract with BOCES for the additional bandwidth required.

The District is seeking to upgrade and increase the wi-fi/wireless infrastructure in each learning space of our school buildings (elementary schools and middle school). The District has worked with Nassau BOCES to engineer this wireless connectivity project to ensure success. After this project the District will have a robust wi-fi system in almost every learning place in the District.

The implementation of this districtwide wi-fi project will allow the District to effectively rollout a 1 to 1 laptop/ipad initiative, as mobile devices are heavily dependent on robust wi-fi systems. The purchase of the equipment listed in #10 will allow the District to implement a robust District-wide wi-fi infrastructure and rollout our 1 to 1 and other educational technology based initiatives.

The District is looking to upgrade our CCTV systems in each building and incorporate a building lock down/staff notification system. The lockdown system will initiate a lockdown by closing and securing all doors, disabling access control readers, sending a message across the building public announcement system, provide messaging to each computers and IP phone, initiate exterior strobe lights, and perform mass-notification/robo-calls based upon a command by the Principal of designated Administrator.

Additionally, we will be installing visitor management systems at each school. These systems will help to better secure the buildings, keep records of visitors and check various offender databases.

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	Presently	At completion
High School	74	112

Preliminary Smart Schools Investment Plan - Summary

Total District SSBA Allocation **\$4,300,000**

Phase I Expenditures:

School Connectivity Expenditures \$ 715,940

High Tech Security Expenditures \$ 216,144

Total Phase I \$ 932,084

Unallocated SSBA funds **\$3,367,916**