Hilton Central School District
Smart Schools Bond Act Investment Plan

HCSD Vision: Our schools are the heart of our community. Through innovation and discovery, we foster purposeful learning, use of resources and leadership. Our learners strive for excellence in all aspects of life.

The Smart Schools Bond Act of 2014 (SSBA) was passed in the 2014-15 Enacted Budget and approved by New York State voters in a statewide referendum held during the 2014 General Election on Tuesday, November 4, 2014. The Smart Schools Bond Act authorized the issuance of $2 billion of general obligation bonds to finance improved educational technology and infrastructure to improve learning and opportunity for students throughout the state. The following is Hilton Central School District's plan to use our district allocation in our continuing effort to achieve our school district vision.

Section 1: School Connectivity (broadband and wireless)

- The Hilton Central School District intends to use SSBA funds for high-speed broadband and wireless connectivity projects in all school buildings. We plan to build a state of the art wireless network at all schools. The current wireless network was designed using a coverage model. Our intent is to transfer to a density model over the next three to five school years to accommodate the entry of more personal technology.

- Hilton is in the midst of a personalized learning initiative. We believe that technology is the avenue to provide students with an individualized experience. As such, we are prioritizing capable infrastructure from 2015-19. Our infrastructure upgrade will touch every learning environment that students encounter each day. The district has plans to rebuild the network infrastructure of each school. The central goal is to provide an environment capable of supporting seamless integration of instructional technology.

- We currently exceed the Federal Communications Commission minimum speed standard of 100Mbps per 1,000 students in each school setting.

- Hilton now considers wireless a mission-critical service. With our personalized learning initiative in place and growing, progressive instruction requires a robust wireless system. The current system in Hilton was designed when coverage was the main concern. Now, client density is the primary need. With thirty 1:1 devices, thirty personal devices, and thirty laptops classrooms have the potential to see ninety clients simultaneously. This figure is on the extremely dense end of the spectrum and was quantified using class roster size, 1:1 distribution, shared cart distribution, and student survey data. We believe we need to be prepared to handle this density and provide a seamless wireless experience.

- This infrastructure initiative will better prepare the district for computer-based testing. We are planning to field test NYS exams on computers during the Spring 2016 exam administration and will use the SSBA funding to prepare the district wireless infrastructure to accommodate the process.

- The Office of Facilities Planning conducted a preliminary review of this project and assigned the project number 261101-06-7999-004 on October 27, 2015.

- School connectivity project SSBA allocation

Connectivity Projects for Schools	
Network/Access Costs	$1,059,000
Outside Plant Costs	--
School Internal Connections and Components	$406,000
Professional Services	$96,000
Testing	--
Other Upfront Costs	$50,000
Other Costs	--
Subtotal	**$1,611,000**

Section 2: Installation of High-Tech Security Features

- Hilton CSD intends to utilize the Smart Schools Bond funding to install a Voice over IP (VoIP) phone solution. This solution will allow security personnel to communicate directly with all locations immediately and simultaneously via visual-only (silent) text and voice messaging, depending on the level of security needed. VoIP adds additional security features that aren't available with our current communication infrastructure, including an end station with a dedicated button that will open a speaker phone conference call directly with the Security Department and other key security personnel in an emergency situation. With VoIP all stakeholders are instantly reachable at all times.

- The district will continue our efforts to secure all buildings anytime students are present. To facilitate this goal, we plan to install additional electronic door systems to allow faculty and staff the necessary access to the buildings using proximity ID badges.

- The district will implement a visitor management solution that allows each visitor to be logged, screened and monitored from entrance to exit.

- Hilton CSD intends to work with an architect to re-design the main entrances of all district facilities to make them more secure yet functional for ingress and safe for egress.

- The Office of Facilities Planning conducted a preliminary review of this project and assigned the project number 261101-06-7999-004 on October 27, 2015.

- Installation of high-tech security features project allocation

High-Tech Security Features	
Capital-Intensive Security Project	$500,000
Main Entrance electronic Security System	$50,000
Main Entrance Entry Control System	$60,000
Approved Door Hardening Project	$570,000
Other Costs	--
Subtotal	**$1,180,000**