Smart Schools Investment Plan - Revised - HPS-SSIP18

SSIP Overview

Institution ID

800000049875

1. **Please enter the name of the person to contact regarding this submission.**

    Dr. Ahunna M. Akoma

    1a. **Please enter their phone number for follow up questions.**

    5164344101

    1b. **Please enter their e-mail address for follow up contact.**

    aakoma@hempsteadschools.org

2. **Please indicate below whether this is the first submission, a new or supplemental submission or an amended submission of an approved Smart Schools Investment Plan.**

    First submission

3. **All New York State public school districts are required to complete and submit a District Instructional Technology Plan survey to the New York State Education Department in compliance with Section 753 of the Education Law and per Part 100.12 of the Commissioner's Regulations. Districts that include investments in high-speed broadband or wireless connectivity and/or learning technology equipment or facilities as part of their Smart Schools Investment Plan must have a submitted and approved Instructional Technology Plan survey on file with the New York State Education Department.**
    By checking this box, you certify that the school district has an approved District Instructional Technology Plan survey on file with the New York State Education Department.

    ☑ District Educational Technology Plan Submitted to SED and Approved

4. **Pursuant to the requirements of the Smart Schools Bond Act, the planning process must include consultation with parents, teachers, students, community members, other stakeholders and any nonpublic schools located in the district.**
    By checking the boxes below, you are certifying that you have engaged with those required stakeholders. Each box must be checked prior to submitting your Smart Schools Investment Plan.

    ☑ Parents
    ☑ Teachers
    ☑ Students
    ☑ Community members

5. **Did your district contain nonpublic schools in 2014-15?**

    ☑ Yes
    ☐ Yes, but they have all since closed, moved out of district or are declining use of SSBA funds
    ☐ No

6. **Certify that the following required steps have taken place by checking the boxes below: Each box must be checked prior to submitting your Smart Schools Investment Plan.**

    ☑ The district developed and the school board approved a preliminary Smart Schools Investment Plan.
    ☑ The preliminary plan was posted on the district website for at least 30 days. The district included an address to which any written comments on the plan should be sent.
    ☑ The school board conducted a hearing that enabled stakeholders to respond to the preliminary plan. This hearing may have occured as part of a normal Board meeting, but adequate notice of the event must have been provided through local media and the district website for at least two weeks prior to the meeting.
    ☑ The district prepared a final plan for school board approval and such plan has been approved by the school board.
    ☑ The final proposed plan that has been submitted has been posted on the district's website.

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SSIP Overview

6a. **Please upload the proposed Smart Schools Investment Plan (SSIP) that was posted on the district's website, along with any supporting materials. Note that this should be different than your recently submitted Educational Technology Survey. The Final SSIP, as approved by the School Board, should also be posted on the website and remain there during the course of the projects contained therein.**

HUFSD Final Smart Schools Bond Act Investment Plan-BOE Approved.pdf

6b. **Enter the webpage address where the final Smart Schools Investment Plan is posted. The Plan should remain posted for the life of the included projects.**

www.hempsteadschools.org

7. **Please enter an estimate of the total number of students and staff that will benefit from this Smart Schools Investment Plan based on the cumulative projects submitted to date.**

7,424

8. **An LEA/School District may partner with one or more other LEA/School Districts to form a consortium to pool Smart Schools Bond Act funds for a project that meets all other Smart School Bond Act requirements. Each school district participating in the consortium will need to file an approved Smart Schools Investment Plan for the project and submit a signed Memorandum of Understanding that sets forth the details of the consortium including the roles of each respective district.**

☐　The district plans to participate in a consortium to partner with other school district(s) to implement a Smart Schools project.

9. **Please enter the name and 6-digit SED Code for each LEA/School District participating in the Consortium.**

Partner LEA/District	SED BEDS Code
(No Response)	(No Response)

10. **Please upload a signed Memorandum of Understanding with all of the participating Consortium partners.**

(No Response)

11. **Your district's Smart Schools Bond Act Allocation is:**

$9,726,134

12. **Final 2014-15 BEDS Enrollment to calculate Nonpublic Sharing Requirement**

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	7,401	1,024	8,425.00	12.15

13. **This table compares each category budget total, as entered in that category's page, to the total expenditures listed in the category's expenditure table. Any discrepancies between the two must be resolved before submission.**

	Sub-Allocations	Expenditure Totals	Difference
School Connectivity	310,273.00	310,273.00	0.00
Connectivity Projects for Communities	0.00	0.00	0.00
Classroom Technology	1,844,550.00	1,844,550.00	0.00
Pre-Kindergarten Classrooms	0.00	0.00	0.00
Replace Transportable Classrooms	0.00	0.00	0.00
High-Tech Security Features	2,858,564.00	2,858,564.00	0.00
Nonpublic Loan	256,000.00	256,000.00	0.00
Totals:			

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SSIP Overview

	Sub-Allocations	Expenditure Totals	Difference
	5,269,387	**5,269,387**	**0**

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School Connectivity

1. **In order for students and faculty to receive the maximum benefit from the technology made available under the Smart Schools Bond Act, their school buildings must possess sufficient connectivity infrastructure to ensure that devices can be used during the school day. Smart Schools Investment Plans must demonstrate that:**
   - **sufficient infrastructure that meets the Federal Communications Commission's 100 Mbps per 1,000 students standard currently exists in the buildings where new devices will be deployed, or**
   - **is a planned use of a portion of Smart Schools Bond Act funds, or**
   - **is under development through another funding source.**

   Smart Schools Bond Act funds used for technology infrastructure or classroom technology investments must increase the number of school buildings that meet or exceed the minimum speed standard of 100 Mbps per 1,000 students and staff within 12 months. This standard may be met on either a contracted 24/7 firm service or a "burstable" capability. If the standard is met under the burstable criteria, it must be:
   1. **Specifically codified in a service contract with a provider, and**
   2. **Guaranteed to be available to all students and devices as needed, particularly during periods of high demand, such as computer-based testing (CBT) periods.**

   Please describe how your district already meets or is planning to meet this standard within 12 months of plan submission.

   The District recently increased its Internet bandwidth from 300 Mb/ps to 800 Mb/ps to meet increasing demand for online learning tools.

   1a. **If a district believes that it will be impossible to meet this standard within 12 months, it may apply for a waiver of this requirement, as described on the Smart Schools website. The waiver must be filed and approved by SED prior to submitting this survey.**

   ☐ By checking this box, you are certifying that the school district has an approved waiver of this requirement on file with the New York State Education Department.

2. **Connectivity Speed Calculator (Required). If the district currently meets the required speed, enter "Currently Met" in the last box: Expected Date When Required Speed Will be Met.**

	Number of Students	Required Speed in Mbps	Current Speed in Mbps	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	7,424	742.40	800	1000	Met

3. **Describe how you intend to use Smart Schools Bond Act funds for high-speed broadband and/or wireless connectivity projects in school buildings.**

   We started upgrading all switches to 10-G Cisco switches, and cabling and installing wireless access points in every classroom to increase WiFi connectivity and speed of internal connections. This project has been completed in six of ten schools and these schools are now ready for 10-G network, with wireless access points in every classroom. The SFP Modules/fiber transceivers included in this School Connectivity section of Smart Schools Investment Plan allow for 10-G connections between data centers and switch closets, twelve additional Cisco switches to replace older models not included in the current project and increase capacity for expansion, additional access points to increase wireless coverage.

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School Connectivity

4. **Describe the linkage between the district's District Instructional Technology Plan and how the proposed projects will improve teaching and learning. (There should be a link between your response to this question and your responses to Question 1 in Section IV - NYSED Initiatives Alignment: "Explain how the district use of instructional technology will serve as a part of a comprehensive and sustained effort to support rigorous academic standards attainment and performance improvement for students."**

    Your answer should also align with your answers to the questions in Section II - Strategic Technology Planning and the associated Action Steps in Section III - Action Plan.)

    The proposed technology projects will improve teaching and learning by helping the District in the realization of the mission, vision and goals outlined in our multi-year District Technology Plan. The projects will help the District to provide a technologically enhanced learning environment that enables students to acquire life-long skills. The goals include: 1. Upgrading the network infrastructure to support curricula and online learning for all students in a safe environment; 2. Providing instructional technology learning tools, both devices dn software/apps that support teaching and learning for all students. 3. Providing professional development to all teachers and staff on methodlgies that will support student creativity, critical thinking, collaboration and intellectual engagement.

    The District is committed to provide the tools and access to resources that will empower all students (general education, students with disabilities, and students of English as a new language) as well as help teachers do their jobs efficiently in delivering curricula using new methodologies that focus more on student-centered and active learning environments. Our learning environment includes new infrastructure upgrades (Wi-Fi upgrade, increase of Internet bandwidth, upgrade to 10-GB switches with optics, security system upgrades for safety), newly deployed devices (iPads, Windows tablets, desktops, interactive whiteboards, and more), and ongoing professional development for teachers and staff. The District's ENL teachers were provided class sets of tablets to engage students in online tools for English language acquisition. iPads in carts were acquired for special education to engage students in assistive technology applications. We are engaged in a continuous improvement cycle that will include upgrading Cisco phone systems with safety features, expansion of classroom technologies and automation of administrative procedures for efficient management of educational processes, all in support of student learning.

    With new tools provided to students and teachers, and training on new methodologies for active and personalized learning, and upcoming initiative to integrate technology into every curricula area, the District will realize the objective of using technology to support rigorous academic standards attainment and performance improvement for all students.

5. **If the district wishes to have students and staff access the Internet from wireless devices within the school building, or in close proximity to it, it must first ensure that it has a robust Wi-Fi network in place that has sufficient bandwidth to meet user demand.**

    Please describe how you have quantified this demand and how you plan to meet this demand.

    We recently upgraded our bandwidth to 800 Mb/ps. This adequately meets the State's requirement of 100 Mb/ps for every 1,000 students. Our student population is 7,424, which leaves some bandwidth for staff. It is our plan to increase the Internet bandwidth to 1,000 within the next 12 months using local and E-rate funds. This will help support additional devices we will be adding to our network using our Smart Schools Bond Act funds.

6. **Smart Schools plans with any expenditures in the School Connectivity category require a project number from the Office of Facilities Planning. Districts must submit an SSBA LOI and receive project numbers prior to submitting the SSIP. As indicated on the LOI, some projects may be eligible for a streamlined review and will not require a building permit.**
    Please indicate on a separate row each project number given to you by the Office of Facilities Planning.

Project Number
28-02-01-03-7-999-BA1

7. **Certain high-tech security and connectivity infrastructure projects may be eligible for an expedited review process as determined by the Office of Facilities Planning.**

Was your project deemed eligible for streamlined review?

Yes

7a. **Districts that choose the Streamlined Review Process will be required to certify that they have reviewed all installations with their licensed architect or engineer of record and provide that person's name and license number. The licensed professional must review the products and proposed method of installation prior to implementation and review the work during and after completion in order to affirm that the work was code-compliant, if requested.**

☑ I certify that I have reviewed all installations with a licensed architect or engineer of record.

8. **Include the name and license number of the architect or engineer of record.**

Name	License Number
Frederick W. Seeba, P.E., LEED AP, BBS Architects	68018

9. **Public Expenditures – Loanable (Counts toward the nonpublic loan calculation)**

Select the allowable expenditure type. Repeat to add another item under each type.	**PUBLIC** Items to be Purchased	Quantity	Cost Per Item	Total Cost
Network/Access Costs	Wireless Access Points (Aruba)	15	1,079.00	16,185.00
Internal Components and Connections	10-G Fiber Optic Transceivers	30	900.00	27,000.00
Network/Access Costs	Cisco 10 G Switches (24-Port)	2	6,000.00	12,000.00
Internal Components and Connections	10-G TwinX Cables (Integrated Electronics Fiber Cables)	50	200.00	10,000.00
Network/Access Costs	Cisco Access Switches (Full PoE)	10	4,000.00	40,000.00
		107	**12,179.00**	**105,185**

10. **Public Expenditures – Non-Loanable (Does not count toward nonpublic loan calculation)**

Select the allowable expenditure type. Repeat to add another item under each type.	**PUBLIC** Items to be purchased	Quantity	Cost per Item	Total Cost
Connections/Components	Setup and Installation of Network Devices & Transceivers	120	125.00	15,000.00
Connections/Components	Wall-Mount Installation & Configuration of Promethean Interactive Panel 70	226	629.00	142,154.00
Connections/Components	70 inch Promethean Installation on Stand, Assembly, Mounting, Configuration & Testing	34	399.00	13,566.00
Connections/Components	Removal of Old Promethean/Polyvision Boards	192	179.00	34,368.00
		572	**1,332.00**	**205,088**

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School Connectivity

11. **Final 2014-15 BEDS Enrollment to calculate Nonpublic Sharing Requirement (no changes allowed.)**

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	7,401	1,024	8,425.00	12.15

12. **Total Public Budget - Loanable (Counts toward the nonpublic loan calculation)**

	Public Allocations	Estimated Nonpublic Loan Amount	Estimated Total Sub-Allocations
Network/Access Costs	68,185.00	8,952.68	77,137.68
School Internal Connections and Components	37,000.00	4,858.10	41,858.10
Other	0.00	0.00	0.00
Totals:	**105,185.00**	**13,811**	**118,996**

13. **Total Public Budget – Non-Loanable (Does not count toward the nonpublic loan calculation)**

	Sub-Allocation
Network/Access Costs	0.00
Outside Plant Costs	0.00
School Internal Connections and Components	205,088.00
Professional Services	0.00
Testing	0.00
Other Upfront Costs	0.00
Other Costs	0.00
Totals:	**205,088.00**

14. **School Connectivity Totals**

	Total Sub-Allocations
Total Loanable Items	118,995.78
Total Non-loanable Items	205,088.00
Totals:	**324,084**

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Community Connectivity (Broadband and Wireless)

1. **Describe how you intend to use Smart Schools Bond Act funds for high-speed broadband and/or wireless connectivity projects in the community.**

(No Response)

2. **Please describe how the proposed project(s) will promote student achievement and increase student and/or staff access to the Internet in a manner that enhances student learning and/or instruction outside of the school day and/or school building.**

(No Response)

3. **Community connectivity projects must comply with all the necessary local building codes and regulations (building and related permits are not required prior to plan submission).**

☐   I certify that we will comply with all the necessary local building codes and regulations.

4. **Please describe the physical location of the proposed investment.**

(No Response)

5. **Please provide the initial list of partners participating in the Community Connectivity Broadband Project, along with their Federal Tax Identification (Employer Identification) number.**

Project Partners	Federal ID #
(No Response)	(No Response)

6. **Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category.**

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
(No Response)	(No Response)	(No Response)	(No Response)	0.00
		0	**0.00**	**0**

7. **If you are submitting an allocation for Community Connectivity, complete this table.**

Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

	Sub-Allocation
Network/Access Costs	0.00
Outside Plant Costs	0.00
Tower Costs	0.00
Customer Premises Equipment	0.00
Professional Services	0.00
Testing	0.00
Other Upfront Costs	0.00
Other Costs	0.00
Totals:	**0.00**

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Classroom Learning Technology

1. **In order for students and faculty to receive the maximum benefit from the technology made available under the Smart Schools Bond Act, their school buildings must possess sufficient connectivity infrastructure to ensure that devices can be used during the school day. Smart Schools Investment Plans must demonstrate that sufficient infrastructure that meets the Federal Communications Commission's 100 Mbps per 1,000 students standard currently exists in the buildings where new devices will be deployed, or is a planned use of a portion of Smart Schools Bond Act funds, or is under development through another funding source.**
   Smart Schools Bond Act funds used for technology infrastructure or classroom technology investments must increase the number of school buildings that meet or exceed the minimum speed standard of 100 Mbps per 1,000 students and staff within 12 months. This standard may be met on either a contracted 24/7 firm service or a "burstable" capability. If the standard is met under the burstable criteria, it must be:
   1. Specifically codified in a service contract with a provider, and
   2. Guaranteed to be available to all students and devices as needed, particularly during periods of high demand, such as computer-based testing (CBT) periods.
   Please describe how your district already meets or is planning to meet this standard within 12 months of plan submission.

   The District obtains its Internet services through a BOCES consortium and E-Rate funding discounts. We are connected to the Nassau County BOCES Wide Area Network, a 10-G fiber network and 800 Mb/ps Internet services. We are adding laptop carts to increase access to online learning and assessment tools in the classrooms.
   Our current speed of 800 mb/ps exceeds the NYS requirement of 742 Mb/ps. In the next 12 months, we plan to increase the Internet bandwidth to 1000 Mb/ps to accommodate expected increase in usage as we provide more digital tools to the schools.

   1a. **If a district believes that it will be impossible to meet this standard within 12 months, it may apply for a waiver of this requirement, as described on the Smart Schools website. The waiver must be filed and approved by SED prior to submitting this survey.**

   ☐ By checking this box, you are certifying that the school district has an approved waiver of this requirement on file with the New York State Education Department.

2. **Connectivity Speed Calculator (Required). If the district currently meets the required speed, enter "Currently Met" in the last box: Expected Date When Required Speed Will be Met.**

	Number of Students	Required Speed in Mbps	Current Speed in Mbps	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	7,424	742.40	800	1000	Met

3. **If the district wishes to have students and staff access the Internet from wireless devices within the school building, or in close proximity to it, it must first ensure that it has a robust Wi-Fi network in place that has sufficient bandwidth to meet user demand.**
   Please describe how you have quantified this demand and how you plan to meet this demand.

   We currently have 7,424 students. We increased the Internet Bandwidth to 800 Mb/ps. This bandwidth is currently adequate the population. However, it is our goal to increase the bandwidth to 1000 Mb/ps during the next E-Rate application cycle since we will be adding hundreds of more laptops in the schools in order to increase students' access to online learning and assessment tools.

4. **All New York State public school districts are required to complete and submit an Instructional Technology Plan survey to the New York State Education Department in compliance with Section 753 of the Education Law and per Part 100.12 of the Commissioner's Regulations.**
   Districts that include educational technology purchases as part of their Smart Schools Investment Plan must have a submitted and approved Instructional Technology Plan survey on file with the New York State Education Department.

   ☑ By checking this box, you are certifying that the school district has an approved Instructional Technology Plan survey on file with the New York State Education Department.

5. **Describe the devices you intend to purchase and their compatibility with existing or planned platforms or systems. Specifically address the adequacy of each facility's electrical, HVAC and other infrastructure necessary to install and support the operation of the planned technology.**

The proposed purchases include the following:

Interactive White Boards (Promethean) with stands or mounting kits, storage and charging carts for laptops and ipads, laptops (PCs/Mac based), and printers.

We recently upgraded our WiFi infrastructure and wired every classrooms with four additional network drops, one for wireless access point, and three extra network drops for the phone and computers. We also upgraded the switches and working with our Facilities Dept. to upgrade the HVAC system in all data closets. Prior to this WiFi upgrade, it would have been impossible to add laptop carts and other Wi-Fi dependent devices in our learning environment because of inadequate wireless coverage. We've deployed iPad and laptop carts in the schools.

The devices we intend to purchase with our SSBA funds in the Classroom Learning Technology Category will be compatible with existing platforms and upgraded systems, along with adequate network drops and Wi-Fi coverage for effective utilization of resources.

6. **Describe how the proposed technology purchases will:**
   > **enhance differentiated instruction;**
   > **expand student learning inside and outside the classroom;**
   > **benefit students with disabilities and English language learners; and**
   > **contribute to the reduction of other learning gaps that have been identified within the district.**

   The expectation is that districts will place a priority on addressing the needs of students who struggle to succeed in a rigorous curriculum. Responses in this section should specifically address this concern and align with the district's Instructional Technology Plan (in particular Question 2 of E. Curriculum and Instruction: "Does the district's instructional technology plan address the needs of students with disabilities to ensure equitable access to instruction, materials and assessments?" and Question 3 of the same section: "Does the district's instructional technology plan address the provision of assistive technology specifically for students with disabilities to ensure access to and participation in the general curriculum?")
   In addition, describe how the district ensures equitable access to instruction, materials and assessments and participation in the general curriculum for both SWD and English Language Learners/Multilingual Learners (ELL/MLL) students.

We are planning to purchase interactive whiteboards to replace 10-year old units in the schools which have reached their end of life. Laptop carts/devices and online tools will increase access to technology in the classrooms so that the teachers can differentiate instruction, and all students can be intellectually engaged in research and other problem-solving projects as appropriate. ENL learners will have access to learning materials and students with disabilities will engage in assistive technology activities. With online learning and assessment tools, teachers will have access to data to inform instruction. The District bought iPads and assistive technology tools for students with disabilities to use with their instructional software as recommended through the IEPs.

Students with disabilities in the District are provided both hardware and software resources as prescribed in IEPs. Classified students receive every technology resource that the District provides to general education students, as well as additional assistive technology tools provided through IDEA and other funding sources. The District uses technology-based diagnostic tools to assess and gather baseline and progress-monitoring data for every student. These tools include Right Reason Technologies, Mastery Connect, NWEA, AimsWeb, iReady, RAZ Kids, GoMath, Science Dimensions, and more. The students with disabilities receive additional support and instructional programming. Some of the programs used by SWDs included Castle Learning, System44, Read 180, IEP prescribed iPad applications, TouchChat, Dragon Speaking, and more. Teachers of SWDs use iPad apps and Microsoft reading tools to provide additional assistance in acquisition of foundational reading skills as fluency, accuracy and rate. Microsoft provides the Immersive Reader which reads aloud documents and web content to students. Many of these tools are adaptive, responding to the learner's answers and helps teachers to differentiate instruction by reducing the amount of time it takes to obtain student performance data and allowing more time to assist students in closing learning gaps. The systems enable students to learn at their own paces, without judgment, and to experience success.

Depending on the need, students are assigned their own personal iPads to take home. There are many programs in the District that support students with disabilities with academic and social-emotional skills attainment. Related services providers, speech and language therapists and occupational therapists incorporate apps to support the therapy process and track progress toward reaching the goals of students educational plans.

ELLs are also provided additional technology resources to help close learning gaps and expand opportunities for language acquisition. Tablets are provided to support writers in the classroom, Microsoft Immersive Reader and other literacy tools are utilized to help students improve their English literacy skills. Teachers use these tools to differentiate instruction based on students' needs and achievement levels. Interactive technologies are used in the classroom by teachers to engage all students based on their learning styles and needs. Online communication and collaboration tools, such as Microsoft Office 365 Teams, are being utilized by students and teachers to improve student academic experiences in the classroom and beyond.

7. **Where appropriate, describe how the proposed technology purchases will enhance ongoing communication with parents and other stakeholders and help the district facilitate technology-based regional partnerships, including distance learning and other efforts.**

Increased access to technology resources to students will enhance communications with parents and stakeholders. Students and teachers are collaborating using PowerSchool Unified Classroom, Office 365 collaboration tools and other online learning resources. This year, we have provided our students with user accounts and Office 365 productivity and communications tools. Parents and students now have access to the student/parent portal of both our SIS and Office 365 collaboration tools. Even though local funds are used to fund the communications and collaboration tools, the classroom devices and personalized student access to resources will enable parent and stakeholder involvement in learning. Parents can log in online and view students' work, update contact information, and more. Teachers share information with students and parents in a secured space.

8. **Describe the district's plan to provide professional development to ensure that administrators, teachers and staff can employ the technology purchased to enhance instruction successfully.**

Note: This response should be aligned and expanded upon in accordance with your district's response to Question 1 of F. Professional Development of your Instructional Technology Plan: "Please provide a summary of professional development offered to teachers and staff, for the time period covered by this plan, to support technology to enhance teaching and learning. Please include topics, audience and method of delivery within your summary."

The District provides training to teachers through vendors, BOCES, software experts, and District's turnkey trainers and professional development specialist on various using technology tools to deliver instruction, assessment of learning, communication and collaboration. The District upgraded its PowerSchool to Unified classroom and provided training to teachers both in both small and large group settings. Teachers and staff also received training on Office 365, online learning tools such as iReady, ThinkCentral math and ELA, Learning/Reading A-Z, online formative assessment tools, assistive technology tools, System 44, and more. These trainings are ongoing throughout the year. We also use BOCES Model Schools' training and other trainers to deliver training. Recently, we started piloting the new Promethean flat panels in several classrooms in each school and provided training through the vendor. Professional development is an integral part of all new hardware and software deployments.

9. **Districts must contact one of the SUNY/CUNY teacher preparation programs listed on the document on the left side of the page that supplies the largest number of the district's new teachers to request advice on innovative uses and best practices at the intersection of pedagogy and educational technology.**

☑ By checking this box, you certify that you have contacted the SUNY/CUNY teacher preparation program that supplies the largest number of your new teachers to request advice on these issues.

9a. **Please enter the name of the SUNY or CUNY Institution that you contacted.**

Old Westbury SUNY

9b. **Enter the primary Institution phone number.**

516-334-2537

9c. **Enter the name of the contact person with whom you consulted and/or will be collaborating with on innovative uses of technology and best practices.**

Vince Juba

10. **To ensure the sustainability of technology purchases made with Smart Schools funds, districts must demonstrate a long-term plan to maintain and replace technology purchases supported by Smart Schools Bond Act funds. This sustainability plan shall demonstrate a district's capacity to support recurring costs of use that are ineligible for Smart Schools Bond Act funding such as device maintenance, technical support, Internet and wireless fees, maintenance of hotspots, staff professional development, building maintenance and the replacement of incidental items. Further, such a sustainability plan shall include a long-term plan for the replacement of purchased devices and equipment at the end of their useful life with other funding sources.**

☑ By checking this box, you certify that the district has a sustainability plan as described above.

11. **Districts must ensure that devices purchased with Smart Schools Bond funds will be distributed, prepared for use, maintained and supported appropriately. Districts must maintain detailed device inventories in accordance with generally accepted accounting principles.**

☑ By checking this box, you certify that the district has a distribution and inventory management plan and system in place.

12. **Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category.**

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be Purchased	Quantity	Cost per Item	Total Cost
Interactive Whiteboards	HPS.Promethean Interactive 70	260	3,350.00	871,000.00
Other Costs	HPS.Anywhere Carts 36 Capacity Item# 5073318	40	999.00	39,960.00
Other Costs	HPS.HP WiFi Printers	36	424.00	15,264.00
Interactive Whiteboards	HPS.Promethean Stands-AsbHot at JA, MA FR	34	539.00	18,326.00
Laptop Computers	HPS.Dell Latitude Laptops i5 Processor 8G RAM 256 SSD	1,200	750.00	900,000.00
		1,570	**6,062.00**	**1,844,550**

13. **Final 2014-15 BEDS Enrollment to calculate Nonpublic Sharing Requirement (no changes allowed.)**

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	7,401	1,024	8,425.00	12.15

14. **If you are submitting an allocation for Classroom Learning Technology complete this table.**

	Public School Sub-Allocation	Estimated Nonpublic Loan Amount (Based on Percentage Above)	Estimated Total Public and Nonpublic Sub-Allocation
Interactive Whiteboards	889,326.00	116,768.41	1,006,094.41
Computer Servers	0.00	0.00	0.00
Desktop Computers	0.00	0.00	0.00
Laptop Computers	900,000.00	118,169.91	1,018,169.91
Tablet Computers	0.00	0.00	0.00
Other Costs	55,224.00	7,250.91	62,474.91
Totals:	**1,844,550.00**	**242,189**	**2,086,739**

1. **Provide information regarding how and where the district is currently serving pre-kindergarten students and justify the need for additional space with enrollment projections over 3 years.**

(No Response)

2. **Describe the district's plan to construct, enhance or modernize education facilities to accommodate pre-kindergarten programs. Such plans must include:**

- Specific descriptions of what the district intends to do to each space;
- An affirmation that new pre-kindergarten classrooms will contain a minimum of 900 square feet per classroom;
- The number of classrooms involved;
- The approximate construction costs per classroom; and
- Confirmation that the space is district-owned or has a long-term lease that exceeds the probable useful life of the improvements.

(No Response)

3. **Smart Schools Bond Act funds may only be used for capital construction costs. Describe the type and amount of additional funds that will be required to support ineligible ongoing costs (e.g. instruction, supplies) associated with any additional pre-kindergarten classrooms that the district plans to add.**

(No Response)

4. **All plans and specifications for the erection, repair, enlargement or remodeling of school buildings in any public school district in the State must be reviewed and approved by the Commissioner. Districts that plan capital projects using their Smart Schools Bond Act funds will undergo a Preliminary Review Process by the Office of Facilities Planning.**

Please indicate on a separate row each project number given to you by the Office of Facilities Planning.

Project Number
(No Response)

5. **Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category.**

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
(No Response)	(No Response)	(No Response)	(No Response)	0.00
		0	0.00	0

6. **If you have made an allocation for Pre-Kindergarten Classrooms, complete this table.**

Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

	Sub-Allocation
Construct Pre-K Classrooms	0.00
Enhance/Modernize Educational Facilities	0.00
Other Costs	0.00
Totals:	0.00

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Replace Transportable Classrooms

1. **Describe the district's plan to construct, enhance or modernize education facilities to provide high-quality instructional space by replacing transportable classrooms.**

(No Response)

2. **All plans and specifications for the erection, repair, enlargement or remodeling of school buildings in any public school district in the State must be reviewed and approved by the Commissioner. Districts that plan capital projects using their Smart Schools Bond Act funds will undergo a Preliminary Review Process by the Office of Facilities Planning.**

Please indicate on a separate row each project number given to you by the Office of Facilities Planning.

Project Number
(No Response)

3. **For large projects that seek to blend Smart Schools Bond Act dollars with other funds, please note that Smart Schools Bond Act funds can be allocated on a pro rata basis depending on the number of new classrooms built that directly replace transportable classroom units.**

If a district seeks to blend Smart Schools Bond Act dollars with other funds describe below what other funds are being used and what portion of the money will be Smart Schools Bond Act funds.

(No Response)

4. **Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category.**

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
(No Response)	(No Response)	(No Response)	(No Response)	0.00
		0	**0.00**	**0**

5. **If you have made an allocation for Replace Transportable Classrooms, complete this table.**
Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

	Sub-Allocation
Construct New Instructional Space	0.00
Enhance/Modernize Existing Instructional Space	0.00
Other Costs	0.00
Totals:	**0.00**

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High-Tech Security Features

1. Describe how you intend to use Smart Schools Bond Act funds to install high-tech security features in school buildings and on school campuses.

The funds allocated for high tech security improvements will be used to implement projects that will improve student and staff safety. We will upgrade our phone communication systems and to continue the security camera infrastructure improvement.

Our communications servers will be upgraded with safety features that will integrate with PA and phone systems for emergency calls/paging, lockdown alerts, paging alerts, and notifications. The current Cisco VOIP server has reached its end-of-life and needs to be replaced. Teachers' classroom phones need safety and 911 features. In collaboration with the Nassau BOCES and Hempstead Police Dept., the District conducted a recent 911 test call from all the schools, which yielded errors. The buildings showed wrong phone number and address to the police 911 call recipient. With the help of our BOCES and vendors, these errors were corrected, and a follow-up 911 test call yielded positive results. It is critical that the District's phones work correctly during emergency calls. The current VOIP call manager server was already antiquated and no longer in production when it was installed. We will upgrade the entire communications system to provide reliable phones with safety features and enable staff members to make announcement and emergency lockdowns from any phone in any room, with alerts to administrators displaying where the source of the calls and alert law enforcement.

In addition, we will continue to upgrade the security camera and access control systems. District has security cameras that are over ten years old, already obsolete and at end of life. Many cameras have been broken for years and are not covered under any support or maintenance agreement. There are also disparate security systems by different vendors based on the preference of the tech leaders through the years. Supporting obsolete systems have been impossible when there are no continuity plans or information for continuous maintenance. The District, in response to safety concerns, used District funds to contract with Nassau BOCES and its vendor to implement Phase I of security infrastructure upgrade to rebuild the security infrastructure and replace security servers, switches, standardize to one camera management software in all the schools, and replace some of existing cameras in critical areas. Using the SSBA funds for Phase II, the District will replace all remaining cameras not replaced in Phase I and to add other security features such as PA system mass notification, door monitoring and access controls, emergency notification lockdown, visitor management, intercom upgrade, and an additional X-Ray machine for the high school. Our intent is to provide a safe environment for students, staff and the school community by upgrading to high definition cameras in our buildings and to provide door access cards/fobs to all staff for entry into the buildings and key areas.

2. All plans and specifications for the erection, repair, enlargement or remodeling of school buildings in any public school district in the State must be reviewed and approved by the Commissioner. Smart Schools plans with any expenditures in the High-Tech Security category require a project number from the Office of Facilities Planning. Districts must submit an SSBA LOI and receive project numbers prior to submitting the SSIP. As indicated on the LOI, some projects may be eligible for a streamlined review and will not require a building permit.
Please indicate on a separate row each project number given to you by the Office of Facilities Planning.

Project Number
28-02-01-03-7-999-BA1

3. Was your project deemed eligible for streamlined Review?

☑ Yes
☐ No

3a. Districts with streamlined projects must certify that they have reviewed all installations with their licensed architect or engineer of record, and provide that person's name and license number. The licensed professional must review the products and proposed method of installation prior to implementation and review the work during and after completion in order to affirm that the work was code-compliant, if requested.

☑ By checking this box, you certify that the district has reviewed all installations with a licensed architect or engineer of record.

4. Include the name and license number of the architect or engineer of record.

Name	License Number
Frederick W. Seeba, P.E., LEED AP, BBS Architects	68018

5. Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category.

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High-Tech Security Features

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Entry Control System	Lead Acid Battery - 12VDC/12AH, Dimensions 3.5	16	56.00	896.00
Entry Control System	Installation & integration of locks, keys and security systems., #Install-Access Control/Lock Specialist (HR-Labor)	9	159.00	1,431.00
Electronic Security System	CLPC- Install & configure security cameras., #Install-Video Technician	30	159.00	4,770.00
Electronic Security System	HLPC AXIS T8134 MIDSPAN 60W - High PoE 1-port midspan 60W. Compliant with 802.3.at and PoE 802.3af., #AXS-5900-334	2	140.00	280.00
Electronic Security System	ALPC- AXIS P1365 Mk II - HDTV 1080p resolution, day/night, fixed camera with CS-mount varifocal 2.8-8 mm P-Iris lens and remote back focus (camera also supports DC-iris lenses). Multiple, individually configurable H.264 and Motion JPEG streams; ma(more...), #AXS-0897-001	2	599.00	1,198.00
Electronic Security System	ALPC- AXIS T90 SINGLE BRACKET - Mounting bracket for AXIS T90 illuminators., AXS-01220-001	2	46.00	92.00
Entry Control System	9600-630-LBSM, #HES-9600-630-LBSM	48	492.00	23,616.00
Electronic Security System	CisCom- SRST-100 Seat License (CME uses CUCME Phone License ONLY), FL-CME-SRST-100	2	2,300.00	4,600.00
Electronic Security System	ALPC- Install & configure security cameras., #Install-Video Technician	20	159.00	3,180.00
Entry Control System	/2-meter Entrance Roller Table (fold-down), #SMI-11128856	1	1,315.00	1,315.00
Entry Control System	IP VIDEO MASTER STATION, #AIP-IS-IPMV	2	868.00	1,736.00
Electronic Security System	CLPC- One year Care Plus for XProtect Corporate Device License, #MILE-YXPCODL	3	59.00	177.00
Electronic Security System	CisCom- BE6K-only Migrate Cisco UC Virt. Hyp 4.x/5.x to Hyp Plus 6.0, R-VS6-HPLS-K9-MIG	2	200.00	400.00
Entry Control System	1/2-meter Exit Roller Table (fold-down), #SMI-11128856	1	1,315.00	1,315.00
Electronic Security System	CLPC- AXIS T93F20 OUTDOOR	3	225.00	675.00

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High-Tech Security Features

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
	HOUSING POE - Fixed box outdoor camera housing made of IK10 impact resistant and UV resistant polymer. IP66, NEMA 4X rated and UL listed. Powered by PoE IEEE802.3af. Temperature range -40C to -45C (-40F to 113F). Compatib(more...), #AXS-5900-281			
Entry Control System	Com- Commercial grade general purpose 22 AWG 8 conductor plenum shielded cable, #LIB-22-8C-PSH-WHT	1	358.00	358.00
Electronic Security System	AXIS P3227-LVE - Day/night fixed dome with support for Forensic WDR, Lightfinder and OptimizedIR with built-in IR illumination. IK10 vandal-resistant outdoor casing. Varifocal 3.5-10 mm P-Iris lens with remote zoom and focus simplifying the (more...), #AXS-0886-001	209	719.00	150,271.00
Electronic Security System	AXIS P3225-LV MKII - Day/night fixed dome with support for WDR - Forensic Capture, Lightfinder and OptimizedIR with built-in IR illumination. Discreet, dust and IK08 vandal-resistant indoor casing. Varifocal 3-10.5 mm P-Iris lens, remote foc(more...), #AXS-0954-001	469	463.00	217,147.00
Entry Control System	EmergLoc- PULL STATION EMERGENCY DOOR RELEASE, #MISC	166	89.00	14,774.00
Electronic Security System	CisCom- InformaCast Advance Integration 1K Endpoints, SP-INFMCST-3-1K=	1	46,761.00	46,761.00
Entry Control System	Commercial grade general purpose 22 AWG 4 conductor plenum cable, #LIB-22-4C-P-WHT	15	151.00	2,265.00
Electronic Security System	CLPC- AXIS T8134 MIDSPAN 60W - High PoE 1-port midspan 60W. Compliant with 802.3.at and PoE 802.3af., #AXS-5900-334	3	140.00	420.00
Entry Control System	Assy: Security Interface, Panel Mount w/mating connector, 4 pin, #ATS-LQS-10-0002	48	34.00	1,632.00
Electronic Security System	CisCom- 4 port Multiflex Trunk Voice/Clear-channel Data T1/E1	1	4,400.00	4,400.00

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High-Tech Security Features

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
	Module, NIM-4MFT-T1/E1			
Entry Control System	Software analysis, design, installation, and programming., #Install-Programmer	48	159.00	7,632.00
Electronic Security System	CisCom- Cisco ISR 4331 UC Bundle, PVDM4-32, UC License, CUBEE10, ISR4331=V/K9	2	5,000.00	10,000.00
Entry Control System	EmergLoc- Installation & integration of locks, keys and security systems., Install-Access Control/Lock Specialist (HR-Labor)	996	159.00	158,364.00
Entry Control System	CAT6 UTP 4-Pair Solid CMP Green 1000FT Cable, #ATS-CMP4/6-GREEN	4	340.00	1,360.00
Entry Control System	EmergLoc- Power Supply/Charger with Access power controller - 8 fused Class 2 power limited outputs provide 12VDC @ 4 amp or 24VDC @ 3 amp, outputs are individually selectable for Fail-Safe or Fail-Secure operation or as dry form	45	238.00	10,710.00
Electronic Security System	CisCom- Cisco UC Phone 7821, CP-7821-K9=	16	255.00	4,080.00
Electronic Security System	Managed Video Surveillance POE Switch, Cisco 10G Switch WS-2960X-48FPD-L, Stacking Modules	46	4,000.00	184,000.00
Electronic Security System	CisCom- Cisco UCS 770W AC Power Supply for Rack Server, UCSC-PSU1-770W=	2	699.00	1,398.00
Entry Control System	Installation & integration of locks, keys and security systems., #Install-Access Control/Lock Specialist	416	159.00	66,144.00
Electronic Security System	Analysis, design, & programming of custom software tailored to the client's needs and specifications in numerous industry sectors. #Install-Programmer	80	159.00	12,720.00
Electronic Security System	CisCom- 4-port Network Interface Module - FXO (Universal), NIM4FXO	9	1,000.00	9,000.00
Electronic Security System	ALPC- One year Care Plus for XProtect Corporate Device License, #MILE-YXPCODL	2	59.00	118.00
Electronic Security System	XProtect Corporate Device License, #IPV-MS-VMS-XPCODL	709	240.00	170,160.00
Entry Control System	Com- Installation & integration of locks,	5	159.00	795.00

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High-Tech Security Features

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
	keys and security systems., #Install-Access Control/Lock Specialist			
Electronic Security System	CisCom- SRST-5 Seat License (CME uses CUCME Phone License ONLY), FL-CME-SRST-5	3	170.00	510.00
Electronic Security System	HLPC One year Care Plus for XProtect Corporate Device License, #MILE-YXPCODL	2	45.00	90.00
Electronic Security System	CisCom- Cisco POE 10G Switches	5	6,449.00	32,245.00
Electronic Security System	ALPC- AXIS T90 WALL-AND-POLE MOUNT - Mounting bracket for AXIS T90 illuminators., #AXS-01219-001	2	37.00	74.00
Electronic Security System	CisCom- BE6000 Starter Bundle with 35 UCL Enh and 35 vmail Licenses, BE6K-START-UCL35	1	500.00	500.00
Electronic Security System	CisCom- BE6000 Enhanced UCL - GCSC SW Upgrade, UPG-6K-ENH	352	45.00	15,840.00
Electronic Security System	Remove, install, & configure, security cameras. #Install-Video Technician	2,711	159.00	431,049.00
Electronic Security System	Install, & configure security cameras., #Install-Video Technician	36	159.00	5,724.00
Electronic Security System	CisCom- Managed services Labor for emergency communications & intercom system	1	42,000.00	42,000.00
Entry Control System	8in C2G Mini DisplayPort M to DVI F BLK, #MID-54311	24	14.00	336.00
Entry Control System	EmergLoc- Mounting bracket for ETP-EL blue light/strobe, #TAP-ETP-MBKT	226	4.00	904.00
Electronic Security System	AXIS T94K02L RECESSED MOUNT - Indoor recessed mount compatible with mid-size indoor dome cameras such as: AXIS P32-V/-LV, AXIS P33/-V and AXIS Q35-V/-LV series. Suitable for indoor installations in plenum spaces. #AXS-01155-001	18	63.00	1,134.00
Entry Control System	Door License (Per Door), #GAL-2A8943	48	100.00	4,800.00
Electronic Security System	HLPC Install & configure security cameras., #Install-Video Technician (HR Labor)	20	125.00	2,500.00
Electronic Security System	CisCom- Professional Services - Installation and Configuration of	1	156,835.00	156,835.00

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High-Tech Security Features

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
	emergency communication system and intercom			
Entry Control System	Controller Mounting Bracket (Third Party Product), GAL-C305760	16	67.00	1,072.00
Electronic Security System	HLPC AXIS T90D30 POE IR-LED - PoE powered IR LED illuminator for Axis network cameras. Included interchangeable diverging lenses providing 10, 35, 60 & 80 beam angles. Beam distance ranges 70m to 350m (230ft to 1150 ft). Made of IK09 impact-r(more...), #AXS-01213-001	2	751.00	1,502.00
Electronic Security System	CisCom- 4-port Network Interface Module - FXO (Universal), NIM-4FXO	3	1,000.00	3,000.00
Entry Control System	1000ft 18/4 Plenum stranded shielded cable, white, #ATS-184P-1000	15	276.00	4,140.00
Electronic Security System	Com- Software analysis, design, installation, and programming., #Install-Programmer	2	159.00	318.00
Electronic Security System	CLPC- AXIS T90 SINGLE BRACKET - Mounting bracket for AXIS T90 illuminators., #AXS-01220-001	3	46.00	138.00
Entry Control System	Printer for visitor management	12	226.00	2,712.00
Electronic Security System	CLPC- AXIS T90 WALL-AND-POLE MOUNT - Mounting bracket for AXIS T90 illuminators., #AXS-01219-001	3	37.00	111.00
Entry Control System	EmergLoc- Installation & integration of locks, keys and security systems., #Install-Access Control/Lock Specialist (HR-Labor)	534	159.00	84,906.00
Electronic Security System	CisCom- Cisco UC Phone 7821, CP-7821-K9=	477	255.00	121,635.00
Electronic Security System	STANDARD UPS 1500VA,120V,60HZ, #MID-UPS-S1500R	2	847.00	1,694.00
Electronic Security System	CisCom- Cisco IP Phone 8845, CP-8845-K9=	7	575.00	4,025.00
Entry Control System	EmergLoc- Blue light/strobe combo with built-in relay: 12-24VDC or 24VAC, TAP-ETP-EL12/24	226	447.00	101,022.00
Electronic Security System	CisCom- Cisco IP Phone 8811 Series, CP-8811-K9=	69	445.00	30,705.00
Entry Control System	Installation, #SMI-11128856- Onsite	1	4,812.00	4,812.00

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High-Tech Security Features

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
	Opertor Training for (10) Persons (8 hours), #SMI-11128856			
Electronic Security System	CisCom- EMERGNCY RSPNDR USR LIC 1 PHN UPGD TO 11X FROM 9X OF, ER11-USR-1-UPG	786	10.00	7,860.00
Electronic Security System	HLPC AXIS T90 SINGLE BRACKET - Mounting bracket for AXIS T90 illuminators., #AXS-01220-001	2	46.00	92.00
Electronic Security System	HLPC AXIS T90 WALL-AND-POLE MOUNT - Mounting bracket for AXIS T90 illuminators., #AXS-01219-001	2	37.00	74.00
Entry Control System	2m DVI D M/M DUAL LINK DIGITAL VIDEO CBL, #MID-26911	24	16.00	384.00
Entry Control System	Software analysis, design, installation, and programming., #Install-Programmer	24	159.00	3,816.00
Entry Control System	PassagePoint EDU one-year plan (per client license) without Sex Offender Search. Covers support for all issues relating to PassagePoint and includes updates and preferred pricing on new editions., #IDE-SSP-E	12	326.00	3,912.00
Entry Control System	EmergLoc- UNDER DESK MOUNT PUCH SW MOM SPDT 10A, #SDC-15-2	53	44.00	2,332.00
Entry Control System	PassagePoint Global v10 Sex Offender Search Module; unlimited workstations per server. Renews annually. Requires SSP (Sex Offender Search Annual License)., #IDE-MA-SOR	1	3,706.00	3,706.00
Entry Control System	CAT6 UTP 4-Pair Solid CMP Green 1000FT Cable, #ATS-CMP4/6-GREEN	1	340.00	340.00
Electronic Security System	7FT CAT6 NONBOOTED UTP CABLE-ORG, #MID-04196	2	8.00	16.00
Electronic Security System	CisCom- Cisco Business Edition 6000M Server (M4), Export Restricted SW, BE6M-M4-K9=	2	9,400.00	18,800.00
Electronic Security System	Video Surveillance Servers with 32TB drives (8x 4TB Surveillance drives), # IPV-EDGE-B8-D4-S32	2	9,150.00	18,300.00
Electronic Security System	HLPC Installation of (1) 30	1	18,633.00	18,633.00
Entry Control System	EmergLoc- BACK-BOX FOR 492,	166	24.00	3,984.00

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High-Tech Security Features

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
	#MISC			
Electronic Security System	CisCom- 1YR InformaCast Advance Subscription 1K Endpoints, SP-INFMCST-1-1K	1	17,713.00	17,713.00
Electronic Security System	CisCom- BE6000 Messaging UCL - GCSC SW Upgrade, UPG-6K-VM	390	15.00	5,850.00
Electronic Security System	CisCom- Power Cord, 125VAC 13A NEMA 5-15 Plug, North America, CAB-9K12A-NA=	2	25.00	50.00
Electronic Security System	CLPC- AXIS P1365 Mk II - HDTV 1080p resolution, day/night, fixed camera with CS-mount varifocal 2.8-8 mm P-Iris lens and remote back focus (camera also supports DC-iris lenses). Multiple, individually configurable H.264 and Motion JPEG streams; ma(more...), #AXS-0897-001	3	599.00	1,797.00
Entry Control System	XRay- VOTI/Smiths Detection HI-SCAN 5030si X-ray Inspection System, #SMI-11128856	1	19,345.00	19,345.00
Electronic Security System	2FT CAT6 NONBOOTED UTP CABLE-ORG, #MID-04191	726	6.00	4,356.00
Electronic Security System	Installation & integration of computer systems and related peripherals. #Install-PC/LAN Technician	64	159.00	10,176.00
Electronic Security System	CLPC- Installation of (3) 30	1	32,873.00	32,873.00
Electronic Security System	ALPC- AXIS T90D30 POE IR-LED - PoE powered IR LED illuminator for Axis network cameras. Included interchangeable diverging lenses providing 10, 35, 60 & 80 beam angles. Beam distance ranges 70m to 350m (230ft to 1150 ft). Made of IK09 impact-r(more...), #AXS-01213-001	2	751.00	1,502.00
Entry Control System	EmergLoc- 1000ft 18/2 Plenum stranded shielded cable, white, #ATS-182P-1000	105	170.00	17,850.00
Entry Control System	IP VIDEO MASTER STATION, #AIP-IS-IPMV	1	1,197.00	1,197.00
Entry Control System	EmergLoc- 1000ft 18/4 Plenum stranded shielded cable, white, #ATS-184P-1000	125	276.00	34,500.00
Electronic Security System	CisCom- BE6000 Basic UCL - GCSC	508	25.00	12,700.00

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High-Tech Security Features

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
	SW Upgrade, UPG-6K-BAS			
Entry Control System	PassagePoint EDU Client License. One license is required for each workstation based on concurrent use. Includes option of installing as client/server or standalone. Includes One Year Sex Offender Screening (E-SO-1)., #IDE-E-EDU-1	12	1,567.00	18,804.00
Entry Control System	SISCO White Adhesive Passes, #SIS-SLDW1001-3	60	11.00	660.00
Electronic Security System	CisCom- Cisco ISR 4321 Bundle, w/UC License, CUBE-10, ISR4321-V/K9	1	3,096.00	3,096.00
Entry Control System	22in LCD monitor DVI-D,VGA 1080P, #ATS-DV-LCD-22	24	124.00	2,976.00
Electronic Security System	HLPC AXIS P1365 Mk II - HDTV 1080p resolution, day/night, fixed camera with CS-mount varifocal 2.8-8 mm P-Iris lens and remote back focus (camera also supports DC-iris lenses). Multiple, individually configurable H.264 and Motion JPEG streams; ma(more...), #AXS-0897-001	2	599.00	1,198.00
Electronic Security System	CisCom- PA System Integration with Cisco Phones/Cisco Voice Gateway	9	2,400.00	21,600.00
Electronic Security System	EmergLoc- DIGITAL MASS NOTIFICATION ANNOUNCER WITH ALERT TONES AND MESSAGES, #DNA-510	11	325.00	3,575.00
Entry Control System	T10 Reader - Mifare, Black Rev 1, #GAL-C300400	48	129.00	6,192.00
Electronic Security System	Com- 8-INPUT ALARM DIALER WITH DIGITAL ANNOUNCER 8MINS OF RECORD TIME, #VIK-K-2000-DVA	1	328.00	328.00
Entry Control System	4H Module, #GAL-C300142	16	363.00	5,808.00
Electronic Security System	24-Port Cat6 Patch Panel 568B 110 Punch down #RJ45 1URM TAA GSA, LIB-N252-024	46	87.00	4,002.00
Electronic Security System	HLPC LENS FUJINON C CS 8-80MM DC - Varifocal IR-corrected lens with DC-Iris. For use with both C-mount and CS-mount cameras thanks to the included adapter. Compatible with e.g. AXIS Q1635., #AXS-5506-991	2	328.00	656.00

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High-Tech Security Features

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Entry Control System	Workstation License (per Workstation), #GAL-2A8067	5	300.00	1,500.00
Electronic Security System	One year Care Plus for XProtect Corporate Device License, #IPV-MS-VMS-YXPCODL	709	45.00	31,905.00
Electronic Security System	ALPC- AXIS T93F20 OUTDOOR HOUSING POE - Fixed box outdoor camera housing made of IK10 impact resistant and UV resistant polymer. IP66, NEMA 4X rated and UL listed. Powered by PoE IEEE802.3af. Temperature range -40C to -45C (-40F to 113F). Compatib(more...), #AXS-5900-281	2	225.00	450.00
Electronic Security System	CisCom- BE6000 Upgrade 9.x Enhanced license to 11.x, UPG-UCM9TO11-ENH	352	24.00	8,448.00
Entry Control System	LSP E2 Cabinet, 6A PSU (Third Party Product), #GAL-C305720	16	320.00	5,120.00
Electronic Security System	ALPC- LENS FUJINON C CS 8-80MM DC - Varifocal IR-corrected lens with DC-Iris. For use with both C-mount and CS-mount cameras thanks to the included adapter. Compatible with e.g. AXIS Q1635., #AXS-5506-991	2	328.00	656.00
Electronic Security System	CisCom- Cisco SIP Phone 3905, Charcoal, Standard Handset, CP3905=	1	99.00	99.00
Electronic Security System	CisCom- Cisco ISR 4321 Bundle, w/UC License, CUBE-10, ISR4321-V/K9	9	3,095.00	27,855.00
Entry Control System	Logitech HD Pro Web Cam C920, #IDE-AH-1021	12	120.00	1,440.00
Electronic Security System	CisCom- SRST-25 Seat License (CME uses CUCME Phone License ONLY), FL-CME-SRS	18	650.00	11,700.00
Electronic Security System	CisCom- Cisco 7832 IP Conference Station, CP-7832-K9=	1	995.00	995.00
Entry Control System	EmergLoc- Installation & integration of locks, keys and security systems., #Install-Access Control/Lock Specialist (HR-Labor)	265	159.00	42,135.00
Entry Control System	LSP C8 Lock Controller Module, 8 output (Third Party Product), #GAL-	16	88.00	1,408.00

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High-Tech Security Features

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
	C305741			
Electronic Security System	CAT6 UTP 4-Pair Solid CMP Orange 1000FT Cable, #ATS-CMP4/6-ORANGE	168	340.00	57,120.00
Electronic Security System	CisCom- PVDM4 32-channel to 128-channel factory upgrade, PVDM4-32U128	1	4,800.00	4,800.00
Electronic Security System	CLPC- AXIS T90D30 POE IR-LED - PoE powered IR LED illuminator for Axis network cameras. Included interchangeable diverging lenses providing 10, 35, 60 & 80 beam angles. Beam distance ranges 70m to 350m (230ft to 1150 ft). Made of IK09 impact-r(more...), #AXS-01213-001	3	751.00	2,253.00
Electronic Security System	CLPC- LENS FUJINON C CS 8-80MM DC - Varifocal IR-corrected lens with DC-Iris. For use with both C-mount and CS-mount cameras thanks to the included adapter. Compatible with e.g. AXIS Q1635., #AXS-5506-991	3	328.00	984.00
Entry Control System	6 ft. Grounded 3-Wire Line Cord., ALT-LC2	16	4.00	64.00
Electronic Security System	CisCom- Cisco UC Phone 7841,CP-7841-K9=	188	365.00	68,620.00
Entry Control System	Active Directory Cardholder Sync (Prerequisite 2A8067), #GAL-C12738	1	10,000.00	10,000.00
Entry Control System	mATX Tower, NVS315 dual output video, #IPV-VC-2	12	2,657.00	31,884.00
Entry Control System	Controller 6000, #GAL-C300100	16	938.00	15,008.00
Electronic Security System	HLPC AXIS T93F20 OUTDOOR HOUSING POE - Fixed box outdoor camera housing made of IK10 impact resistant and UV resistant polymer. IP66, NEMA 4X rated and UL listed. Powered by PoE IEEE802.3af. Temperature range -40C to -45C (-40F to 113F). Compatib(more...), #AXS-5900-281	2	225.00	450.00
Entry Control System	Drivers License Scanner for Visitor Mgmt, #MISC	12	712.00	8,544.00
Electronic Security System	CisCom- 32-channel DSP module, PVDM4-32	1	1,700.00	1,700.00

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High-Tech Security Features

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Electronic Security System	CisCom- AC Power Supply for Cisco ISR 4330, PVDM4-32	9	1,700.00	15,300.00
Electronic Security System	ALPC- AXIS T8134 MIDSPAN 60W - High PoE 1-port midspan 60W. Compliant with 802.3.at and PoE 802.3af., #AXS-5900-334	2	140.00	280.00
Entry Control System	Installatoin VOTI/Smiths Detection HI-SCAN 5030si X-ray Inspection System, #SMI-11128856	1	6,395.00	6,395.00
Entry Control System	Installation & integration of computer and network systems and related peripherals., #Install-PC/LAN Technician	36	159.00	5,724.00
Electronic Security System	AXIS T94T01D PENDANT KIT - Outdoor pendant kit for AXIS P32-VE Series, compatible with Axis ceiling-/wall mounts, AXIS T91A67 Pole mount and 1.5	209	39.00	8,151.00
		13,585	**452,751.00**	**2,858,564**

6. **If you have made an allocation for High-Tech Security Features, complete this table.**
   Enter each Sub-category Public Allocation based on the the expenditures listed in Table #5.

	Sub-Allocation
Capital-Intensive Security Project (Standard Review)	(No Response)
Electronic Security System	2,104,489.00
Entry Control System	754,075.00
Approved Door Hardening Project	0.00
Other Costs	0.00
Totals:	**2,858,564.00**

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Non-Public Schools

1. **Describe your plan to utilize SSBA funds to purchase devices and loan to the nonpublic schools within your district. Please specify what devices have been requested by the nonpublic schools. If the nonpublic schools have not finalized requests, the district should provide the date nonpublic schools will submit the request by.**

Our SSBA plan includes acquisition of classroom learning technologies that will help provide a technologically enhanced learning environment to all students in both our public and non-public schools. During the planning process, we met with the non-public schools' representatives and based on their funding allocation, they requested the following classroom technology items: Interactive whiteboards, desktop computers, laptops (both Windows based and Macbooks), iPad devices, printers, and other peripheral devices such as Elmo presenters, Epson projectors, mounting kits, speakers, and connectors.

2. **A final Smart Schools Investment Plan cannot be approved until school authorities have adopted regulations specifying the date by which requests from nonpublic schools for the purchase and loan of Smart Schools Bond Act classroom technology must be received by the district.**

☑ By checking this box, you certify that you have such a plan and associated regulations in place that have been made public.

2a. **Please enter the date each year nonpublic schools must request loanable items from the school district. This date cannot be earlier than June 1 of the previous school year.**

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3. **Final 2014-15 BEDS Enrollment to calculate Nonpublic Sharing Requirement (no changes allowed.)**

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	7,401	1,024	8,425.00	12.15

4. **Nonpublic Loan Calculator**

	Loanable School Connectivity	Loanable Classroom Technology	Additional Nonpublic Loan (Optional)	Estimated Per Pupil Amount - This Plan	Previously Approved Per Pupil Amount(s)	Cumulative Per Pupil Loan Amount	Final Per Pupil Loan Amount - This Plan	Final Total Loan Amount - This Plan
Required Nonpublic Loan	118,995.78	2,086,739.22		250.00	0.00	250.00	250.00	256,000.00
Final Adjusted Loan - (If additional loan funds)	118,995.78	2,086,739.22	(No Response)	250.00	0.00	250.00	250.00	256,000.00

5. **Nonpublic Share**

	Final Per Pupil Amount	Final Nonpublic Loan Amount
Pending and Previously Approved Plans	0.00	0.00
This Plan	250.00	256,000.00
Total	250.00	256,000.00

6. **Distribution of Nonpublic Loan Amount by School**

Nonpublic School Name	2018-19 K-12 Enrollment	Special Ed School? If Yes, not eligible
CRESCENT SCHOOL	196	No
SACRED HEART ACADEMY	872	No

7. **Please detail the type, quantity and per unit cost of the eligible items under each sub-category.**

Select the allowable expenditure type. Repeat to add another item under each type.	Items to be purchased	Quantity	Cost Per Item	Total Cost
Interactive Whiteboards	Triumph 470158-868 TRIUMPH BOARD 55	39	2,400.00	93,600.00
Desktop Computers	Dell Desktops OptiPlex 5260 AIO 210-AOBM	35	1,000.00	35,000.00
Laptop Computers	Dell Latitude Laptops 8G RAM 256 SSD	20	1,000.00	20,000.00
Laptop Computers	NP.SH 13-inch MacBook Pro: 2.3GHz dual-core i5, 256GB, Gray, Part#: MPXT2LL/A	24	1,449.00	34,776.00
Tablet Computers	iPad Wi-Fi 32GB - Silver (10-pack) Part Number: BN3X2LL/A	6	2,940.00	17,640.00
Other Costs	HP Color LaserJet 450 Color Printer	1	1,000.00	1,000.00
Other Costs	Quartet Screen on Tripod for Projectors	6	240.00	1,440.00
Other Costs	Chief PSBUB UNIVERSAL PSB BLACK	39	114.00	4,446.00
Other Costs	Irover2 Simple Interactive Flat Panel Stand. Uses Chief PSBUB or PSBU universal mounting bracket (sold separately) Assembly required.	39	1,096.88	42,778.32
Other Costs	ELMO MX-1 Bundle MX-1 VISUAL PRESENTER + CONNECT BOX	1	369.00	369.00
Other Costs	Epson Projectors	5	500.00	2,500.00
Other Costs	Logitech Speakers	2	300.00	600.00
Tablet Computers	Microsoft Surface Pro 256	1	1,302.00	1,302.00
Other Costs	HP Color LaserJet Pro MFP M479fdw	1	469.00	469.00
Other Costs	Surface USB-C to HDMI Adapter	2	39.84	79.68
		221	**14,219.72**	**256,000**