Institution ID

800000054301

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

Mike Kempster

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

716-934-2603 ext 1204

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

mkempster@silvercreekschools.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

4a. If your district contains non-public schools, have you provided a timely opportunity for consultation with these stakeholders?

☐ Yes
☐ No
☑ N/A

5. 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.

5a. 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.

Final Submission SSBA 9.27.17.pdf

5b. 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.

http://www.silvercreekschools.org/common/pages/DisplayFile.aspx?itemId=14030977

6. 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.

1,350

7. 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.

8. 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)

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

(No Response)

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

$1,178,493

11. Enter the budget sub-allocations by category that you are submitting for approval at this time. If you are not budgeting SSBA funds for a category, please enter 0 (zero.) If the value entered is $0, you will not be required to complete that survey question.

	Sub-Allocations
School Connectivity	54,896
Connectivity Projects for Communities	0
Classroom Technology	0
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	522,532
Totals:	**577,428**

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 currently meets and exceeds the minimum required FCC standard. The District currently has a 1 Gb connection to the Internet through Erie 1 BOCES and has a 1 Gb connection to all desktops and wireless access points. The wireless system is currently 802.11ac and exceeds the necessary standard. The District also has a 10 Gb backbone between all switches and servers.

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)

	Number of Students	Multiply by 100 Kbps	Divide by 1000 to Convert to Required Speed in Mb	Current Speed in Mb	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	1,050	105,000	105	1000	1000	presently

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 plan on using the SSBA funds to expand our current wireless system. One of the goals is to expand the wireless system to the outside of the building to be accessible on all external parts of the school grounds. The second goal is to cover any current dead spots and expand the wireless internally to areas not presently covered such as the basement, boiler room, locker rooms, etc. This expansion of the wireless system will allow us to add wireless VoIP phones, that are included in this SSBA application, for administrators and teachers to use the phones anywhere on the campus without losing signal or coverage.

4. Describe the linkage between the district's District Instructional Technology Plan and the proposed projects. (There should be a link between your response to this question and your response to Question 1 in Part E. Curriculum and Instruction "What are the district's plans to use digital connectivity and technology to improve teaching and learning?)

The District Technology Plan includes plans to provide teachers and students with hardware and software to participate in a 21st century learning environment as well as maintaining an up-to-date network infrastructure. Expanding our wireless network will help to meet both of those by continuing to provide an up-to-date infrastructure as well as expanding the coverage of our wireless network that our laptops and iPads can be used in additional areas including the exterior school grounds and athletic fields.

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.

Our current wireless infrastructure includes access points in every classroom and learning area at a capability of 802.11ac and has a 1 Gb connection from our network switches to provide the required bandwidth. The SSBA would allow us to expand that to the external school grounds and to additional areas throughout the building.

6. As indicated on Page 5 of the guidance, the Office of Facilities Planning will have to conduct a preliminary review of all capital projects, including connectivity projects.
Please indicate on a separate row each project number given to you by the Office of Facilities Planning.

Project Number
06-15-01-04-7-999-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
Rick Henry	72576

9. If you are submitting an allocation for School 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	43,196
Outside Plant Costs	0
School Internal Connections and Components	11,700
Professional Services	(No Response)
Testing	0
Other Upfront Costs	0
Other Costs	0
Totals:	**54,896**

10. Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be eligible for tax-exempt financing to be reimbursed through the SSBA. Sufficient detail must be provided so that we can verify this is the case. If you have any questions, please contact us directly through smartschools@nysed.gov.
NOTE: Wireless Access Points should be included in this category, not under Classroom Educational Technology, except those that will be loaned/purchased for nonpublic schools.
Add rows under each sub-category for additional items, as needed.

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Network/Access Costs	JX974A Aruba AP-367 AP	32	609	19,488
Network/Access Costs	JW055A Aruba AP-270-MNT-H2 Outdoor Wall Mount	32	31	992
Network/Access Costs	JW797A Aruba AP-315 AP	34	468	15,912
Network/Access Costs	JW605AAE Aruba AW-K12-1 License	60	23	1,380
Network/Access Costs	JW038A Aruba AP-200-MNT-W2 Mount Kit	25	24	600
Network/Access Costs	AL1905E19-E6 Avaya Power Supply	4	124	496
Network/Access Costs	AL4900E04-E6 Avaya 4950GTS Switch	4	857	3,428
Network/Access Costs	AL3500E15-E6 Avaya 3524GT Switch	1	900	900
Connections/Components	Installation and Configuration	60	195	11,700

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. **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
Outside Plant Costs	0
Tower Costs	0
Customer Premises Equipment	0
Professional Services	0
Testing	0
Other Upfront Costs	0
Other Costs	0
Totals:	**0**

7. **Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be capital-bond eligible to be reimbursed through the SSBA. If you have any questions, please contact us directly through smartschools@nysed.gov.**
Add rows under each sub-category for additional items, as needed.

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)	(No Response)

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.

(No Response)

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)

	Number of Students	Multiply by 100 Kbps	Divide by 1000 to Convert to Required Speed in Mb	Current Speed in Mb	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

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.

(No Response)

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.

(No Response)

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?"

(No Response)

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.

(No Response)

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."

(No Response)

9. Districts must contact the SUNY/CUNY teacher preparation program 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.

(No Response)

9b. Enter the primary Institution phone number.

(No Response)

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.

(No Response)

10. A district whose Smart Schools Investment Plan proposes the purchase of technology devices and other hardware must account for nonpublic schools in the district.

Are there nonpublic schools within your school district?

☐ Yes
☐ No

11. Nonpublic Classroom Technology Loan Calculator

The Smart Schools Bond Act provides that any Classroom Learning Technology purchases made using Smart Schools funds shall be lent, upon request, to nonpublic schools in the district. However, no school district shall be required to loan technology in amounts greater than the total obtained and spent on technology pursuant to the Smart Schools Bond Act and the value of such loan may not exceed the total of $250 multiplied by the nonpublic school enrollment in the base year at the time of enactment.
See:
http://www.p12.nysed.gov/mgtserv/smart_schools/docs/Smart_Schools_Bond_Act_Guidance_04.27.15_Final.pdf.

	1. Classroom Technology Sub-allocation	2. Public Enrollment (2014-15)	3. Nonpublic Enrollment (2014-15)	4. Sum of Public and Nonpublic Enrollment	5. Total Per Pupil Sub-allocation	6. Total Nonpublic Loan Amount
Calculated Nonpublic Loan Amount	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

12. 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.

13. 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.

14. If you are submitting an allocation for Classroom Learning Technology 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
Interactive Whiteboards	0
Computer Servers	0
Desktop Computers	0
Laptop Computers	0
Tablet Computers	0
Other Costs	0
Totals:	**0**

15. Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be capital-bond eligible to be reimbursed through the SSBA. If you have any questions, please contact us directly through smartschools@nysed.gov.
Please specify in the "Item to be Purchased" field which specific expenditures and items are planned to meet the district's nonpublic loan requirement, if applicable.
NOTE: Wireless Access Points that will be loaned/purchased for nonpublic schools should ONLY be included in this category, not under School Connectivity, where public school districts would list them.

Add rows under each sub-category for additional items, as needed.

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)	(No Response)

Pre-Kindergarten Classrooms

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 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. **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
Enhance/Modernize Educational Facilities	0
Other Costs	0
Totals:	**0**

6. **Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be capital-bond eligible to be reimbursed through the SSBA. If you have any questions, please contact us directly through smartschools@nysed.gov.**
Add rows under each sub-category for additional items, as needed.

Pre-Kindergarten Classrooms

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)	(No Response)

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. **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
Enhance/Modernize Existing Instructional Space	0
Other Costs	0
Totals:	**0**

5. **Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be capital-bond eligible to be reimbursed through the SSBA. If you have any questions, please contact us directly through smartschools@nysed.gov.**
Add rows under each sub-category for additional items, as needed.

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)	(No Response)

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.

We intend to upgrade and replace our existing phone system with a Voice over Internet Protocol (VoIP) communication system. The district needs a VoIP System to allow communications between all classrooms and provide additional features for safety reasons. The VoIP system needs to be integrated with an alerting system to be utilized in emergency situations. For these features to be utilized, the handsets will need the ability to accept alerting messages and announcements. The VoIP system could also integrate with the door closures, to have them automatically release in the case of a school lockdown. It will also integrate with our current public-address system. An additional capability to record phone calls in emergency situations is also included in the VoIP system.

As part of the proposed VoIP communication system, we are looking to also replace our current emergency radio system with the VoIP system. The current radio system has several dead spots throughout the building causing communication issues and problems in emergency situations. As part of the VoIP system, we are including wireless phones that would utilize a walkie-talkie/intercom functionality for our administrators to use in emergency situations as well as for wireless communication.

Another feature of the VoIP system would be integration with the door control and entry system. With the new VoIP system, we would upgrade the current door control/entry system to provide both video and audio communication to the people responsible for allowing entry into the building for increased security. The VoIP system would also allow for increased coverage of the door control/entry system to automatically ring multiple stations and people. Emergency phones could also be installed in public areas to assist in emergency situations.

To utilize the VoIP system for emergency communications, it will require an expansion of our current wireless network for the wireless handsets to have proper coverage and signal strength. Wireless VoIP phones require a higher signal strength for audio conversations than typical mobile laptops and tablets. Wireless access points would be added around the exterior of the building to provide coverage outside of the building. Additional access points would be added to the interior of the building to make sure all areas have sufficient coverage and strength to support wireless audio. All of these features will increase the safety of our staff, students, and community.

An additional feature to fully integrate the VoIP system with our current communication system is to ensure that it can communicate with our existing bus radio system for dismissal and emergencies. The proposed VoIP system includes hardware and software to allow the new VoIP system to integrate with the existing legacy radio system at the bus garage to allow seamless communication between the two systems.

The second area we intend to use the SSBA funding is to improve and expand our current security camera system. We have reviewed and studied the system and determined that there are gaps in coverage and we are looking to fix those. A few areas have been identified that needed to have additional security cameras added to provide proper visual coverage.

One of the areas identified is the two stairwells in the Elementary School where there are no current security cameras. We have proposed to add security cameras in both stairwells to provide visual coverage in case of security or emergency situations.

A second identified need is in the parking lots. Currently there is limited security camera coverage of the parking lots and the current pan, tilt, zoom (PTZ) cameras are not reliable when incidents occur. Our plans include replacing all of the PTZ cameras in the parking lots with fixed cameras as well as adding additional security cameras. These two plans will provide full coverage of both parking lots at all times.

Another area of security camera need is around the playground and sport fields. We have identified a need for additional security cameras and replacing a PTZ camera with a fixed camera on our playgrounds for full visual coverage. The plan also includes adding security cameras around the building and football field to provide security camera coverage of the sports fields where there is currently little and/or no coverage. Additional security cameras would be added to other locations where increased coverage is needed. Cameras would also be added to capture license plates as vehicles enter and exit the parking lots for emergency and law enforcement situations.

A final need of the security camera system is to increase the storage capacity of the system to hold 30 days of recordings for all cameras. Our current system's capacity is maxed out and gets an average of 20 days of recordings. The plan will include increasing our total capacity including any new security cameras to have a storage capacity that will allow all cameras to have 30 days of recordings stored at all times.

Silver Creek is currently beginning a Capital Project and all the wiring and mounting needs associated with the equipment and hardware that is part of this Smart Schools Bond Act Preliminary Investment Plan will be included as part of that.

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
06-15-01-04-7-999-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
Rick Henry	72576

5. If you have made an allocation for High-Tech Security Features, 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
Capital-Intensive Security Project (Standard Review)	0
Electronic Security System	512,932
Entry Control System	0
Approved Door Hardening Project	0
Other Costs	9,600
Totals:	**522,532**

6. Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be capital-bond eligible to be reimbursed through the SSBA. If you have any questions, please contact us directly through smartschools@nysed.gov.
Add rows under each sub-category for additional items, as needed.

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	NEW-UWL-STD-SLED	235.00	218	51,230
Electronic Security System	LIC-CUCM-11X-ESS-A	18.00	27	486
Electronic Security System	UNITYCN11-STD-USR	25.00	50	1,250
Electronic Security System	L-CUAC11X-STND	4.00	667	2,668
Electronic Security System	BE7M-M4-K9	2.00	17,135	34,270
Electronic Security System	VMW -VS6-FND-K9	2.00	1,674	3,348
Electronic Security System	ISR4331-V/K9	1.00	3,350	3,350
Electronic Security System	NIM-4FXO	1.00	670	670
Electronic Security System	NIM-1MFT-T1/E1	1.00	958	958

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	PVDM4-32	1.00	1,139	1,139
Electronic Security System	C881-V-K9	1.00	968	968
Electronic Security System	SL-8XX-UC-K9	1.00	235	235
Electronic Security System	FL-CME-SRST-5	1.00	114	114
Electronic Security System	CP-8841-K9=	176.00	345	60,720
Electronic Security System	CP-8800-WMK=	134.00	50	6,700
Electronic Security System	CP-8845-K9=	17.00	385	6,545
Electronic Security System	15-701-025 FDG	40.00	8	320
Electronic Security System	VG202XM	1.00	533	533
Electronic Security System	SVG2XAISK9-15703M	1.00	101	101
Electronic Security System	VG204XM	2.00	868	1,736
Electronic Security System	SVG2XAISK9-15703M	2.00	101	202
Electronic Security System	VG202XM	4.00	533	2,132
Electronic Security System	SVG2XAISK9-15703M	4.00	101	404
Electronic Security System	IP-W PP-531-D-ADA-R-SB	1.00	1,200	1,200
Electronic Security System	CP-8821-K9=	16.00	499	7,984
Electronic Security System	CP-BATT-8821=	16.00	64	1,024
Electronic Security System	CP-LCASE-8821=	16.00	34	544
Electronic Security System	CP-DSKCH-8821-BUN	16.00	127	2,032
Electronic Security System	CP-8821-K9-BUN	2.00	593	1,186
Electronic Security System	CP-LCASE-8821=	2.00	34	68
Electronic Security System	CP-8821-K9=	3.00	499	1,497
Electronic Security System	CP-BATT-8821=	3.00	64	192
Electronic Security System	CP-LCASE-8821=	3.00	34	102
Electronic Security System	CP-MCHGR-8821-BUN	1.00	466	466
Electronic Security System	CP-MCHGR-8821-W MK	1.00	23	23
Electronic Security System	CP-8821-K9=	3.00	499	1,497
Electronic Security System	CP-BATT-8821=	3.00	64	192
Electronic Security System	CP-LCASE-8821=	3.00	34	102
Electronic Security System	CP-MCHGR-8821-BUN	1.00	466	466
Electronic Security System	CP-MCHGR-8821-W MK	1.00	23	23
Electronic Security System	CP-8821-K9=	3.00	499	1,497
Electronic Security System	CP-BATT-8821=	3.00	64	192

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	CP-LCASE-8821=	3.00	34	102
Electronic Security System	CP-MCHGR-8821-BUN	1.00	466	466
Electronic Security System	CP-MCHGR-8821-W MK	1.00	23	23
Electronic Security System	CP-8821-K9=	6.00	499	2,994
Electronic Security System	CP-BATT-8821=	6.00	64	384
Electronic Security System	CP-LCASE-8821=	6.00	34	204
Electronic Security System	CP-MCHGR-8821-BUN	1.00	466	466
Electronic Security System	CP-MCHGR-8821-W MK	1.00	23	23
Electronic Security System	CP-8821-K9-BUN	2.00	593	1,186
Electronic Security System	CP-LCASE-8821=	2.00	34	68
Electronic Security System	CP-8831-K9=	1.00	1,002	1,002
Electronic Security System	CP-MIC-W IRED-S=	1.00	235	235
Electronic Security System	CP-8841-K9=	10.00	345	3,450
Electronic Security System	CP-8845-K9=	1.00	385	385
Electronic Security System	IPTA-IC-R	250.00	5	1,250
Electronic Security System	SP-INFMCST-1-250=	1.00	2,976	2,976
Electronic Security System	CON-ECMU-SSLEDA	235.00	45	10,575
Electronic Security System	CON-ECMU-LICMESSA	18.00	5	90
Electronic Security System	CON-ECMU-UNITCN0S	25.00	14	350
Electronic Security System	CON-ECMU-LCUAC1ND	4.00	179	716
Electronic Security System	CON-SNT-BE7MM4K9	2.00	382	764
Electronic Security System	CON-ECMU-VMW VS6FN	2.00	270	540
Electronic Security System	CON-SNTP-ISR4331V	1.00	886	886
Electronic Security System	CON-SNTP-C881VK8	1.00	149	149
Electronic Security System	CON-SNT-VG202XM	1.00	58	58
Electronic Security System	CON-SNT-VG204XM	2.00	94	188
Electronic Security System	CON-SNT-VG202XM	4.00	58	232
Electronic Security System	CON-SNT-CP8821K9	16.00	78	1,248
Electronic Security System	CON-SNT-CP88K9BN	2.00	78	156
Electronic Security System	CON-SNT-CP8821K9	3.00	78	234
Electronic Security System	CON-SNT-CP8821K9	3.00	78	234
Electronic Security System	CON-SNT-CP8821K9	3.00	78	234
Electronic Security System	CON-SNT-CP8821K9	6.00	78	468

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	CON-SNT-CP88K9BN	2.00	78	156
Electronic Security System	CON-SNT-CP8831K9	1.00	50	50
Electronic Security System	PS-SNY-ADV Installation Services for Cisco UC and Informacast	1.00	55,391	55,391
Electronic Security System	IM162-1E	18.00	550	9,900
Electronic Security System	IM162-2L	1.00	2,750	2,750
Electronic Security System	IMCAREG-1S	1.00	2,846	2,846
Electronic Security System	PS-SNY-ADV Installation Services for Imagicle Call Recording	1.00	7,441	7,441
Electronic Security System	CIS-VIP-VTG2	2.00	248	496
Electronic Security System	CIS-CON4.X-PLA	2.00	3,748	7,496
Electronic Security System	IPICS4.X-BDL4-K9	1.00	15,000	15,000
Electronic Security System	CIS-VIP-CHNL2	4.00	898	3,592
Electronic Security System	ISR4321-V/K9	1.00	1,548	1,548
Electronic Security System	NIM-4E/M	1.00	600	600
Electronic Security System	UCSC-C220-M4L	1.00	1,498	1,498
Electronic Security System	UCS-CPU-E52623E	2.00	718	1,436
Electronic Security System	UCS-MR-1X161RV-A	2.00	450	900
Electronic Security System	UCSC-PSU1-770W	1.00	350	350
Electronic Security System	UCSC-RAILF-M4	1.00	88	88
Electronic Security System	VMW -VSP-STD-1A	2.00	829	1,658
Electronic Security System	CON-SSSAS-CISTVIPV	2.00	64	128
Electronic Security System	CON-SSSAS-CISCONLP	2.00	968	1,936
Electronic Security System	CON-SSSAS-CISVINPC	2.00	232	464
Electronic Security System	CON-SSSAS-CISPH2	20.00	64	1,280
Electronic Security System	CON-SSSAS-CISTVIPV	4.00	64	256
Electronic Security System	CON-SSSAS-IPICS4DX	1.00	3,877	3,877
Electronic Security System	CON-SSSAS-CISVINPC	4.00	232	928
Electronic Security System	CON-SSSAS-CISOPSV2	1.00	1,939	1,939
Electronic Security System	CON-SNTP-C220M4L	1.00	390	390
Electronic Security System	CON-ISV1-VSXSTD1A	2.00	386	772
Electronic Security System	CON-SNTP-ISR4321V	1.00	415	415
Electronic Security System	PS-SNY-ADV	1.00	11,464	11,464
Electronic Security System	0515-001 Axis M3007-PV - 5MP	1.00	494	494

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
	Indoor Hemispheric			
Electronic Security System	0952-001 Axis P3225-V MKII - 2MP Indoor vandal dome	5.00	449	2,245
Electronic Security System	0954-001 Axis P3225-LV MKII - 2MP Indoor vandal dome w/IR	2.00	521	1,042
Electronic Security System	0955-001 Axis P3225-LVE MKII - 2MP Outdoor vandal dome w/IR	6.00	629	3,774
Electronic Security System	0407-001 Axis P3367-VE - 5MP Outdoor dome, D/N	6.00	1,079	6,474
Electronic Security System	0801-001 Axis Q3708-PVE - 5MP Outdoor Panoramic (Playground-pole)	6.00	1,799	10,794
Electronic Security System	5502-321 Axis P33xx Pendant / Adapter Kit (for P3367-VE)	5.00	44	220
Electronic Security System	5504-821 Axis T91D61 Wall Bracket/Mount (for P3367-VE)	6.00	76	456
Electronic Security System	5504-631 Axis T91B62 Parapet Mt (includes T94A01D Pend kit) (for Q3708-PVE)	2.00	89	178
Electronic Security System	5017-641 Axis T91A64 Corner Bkt (for P3367-VE)	6.00	71	426
Electronic Security System	Axis T91L61 Wall Bkt (for Q3708-PVE)	4.00	89	356
Electronic Security System	5502-431 Axis T94A01D Pendant kit (for Q3708-PVE)	4.00	44	176
Electronic Security System	IMM12027-1I Pelco Optera 270° Indoor Panoramic Camera	1.00	1,448	1,448
Electronic Security System	IMMBB0-E1 Pelco IMMBB0-E1 In-ceiling Env back box	1.00	42	42
Electronic Security System	IMM12027-1EP Pelco Optera 270° Outdoor Panoramic Camera	9.00	1,576	14,184
Electronic Security System	WMVE-SR Pelco Wall Mount Bkt	9.00	38	342
Electronic Security System	PA101 Pelco Pole Mount	9.00	85	765
Electronic Security System	NER-L2R5-2 Bosch LPR Cam 54-92ft, incl. wall mount	6.00	2,363	14,178
Electronic Security System	PSU-124-DC050 Bosch Power Supply	6.00	90	540
Electronic Security System	VDA-POMT-PTZDOME Bosch White pole mt adapter plate	6.00	83	498
Electronic Security System	XPECL Milestone Enterprise Camera Enterpise License	36.00	179	6,444
Electronic Security System	YXPECL Milestone Enterprise Camera	36.00	32	1,152

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
	Enterprise 1 Year Care+ Support			
Electronic Security System	Ubiquiti Networks NSM5 - Point to Point Radio (incl. pole mt)	12.00	111	1,332
Electronic Security System	Ubiquiti Networks Wall Mount UB-AM (for building) Streakwave	12.00	12	144
Electronic Security System	Ubiquiti Networks ETH-SP - Surge protection	12.00	16	192
Electronic Security System	Ubiquiti Networks INS-3AF-O-G - Outdoor Converter	7.00	29	203
Electronic Security System	CNFE4+1SMSS2POE Comnet PoE+ - 5 port Hardened Switch	8.00	1,247	9,976
Electronic Security System	PS48VDC-5A ComNet 48VDC Power Supply	8.00	360	2,880
Electronic Security System	NEMA Enclosures (for cameras on poles)	7.00	300	2,100
Electronic Security System	Patch Cables, Outdoor rated	1.00	100	100
Electronic Security System	Ditek MRJPOE Surge Suppression (for outdoor cameras)	33.00	45	1,485
Electronic Security System	Misc. Cable, Hardware, Mounts for Ubiquiti Radios & PoE+ Switches	1.00	100	100
Electronic Security System	Technical Labor - Camera/Device System Programming, Fine Tuning	80.00	120	9,600
Electronic Security System	IT - Milestone Server Software & Configuration	80.00	120	9,600
Other Costs	Project Management, Engineering, CAD Drawings	80.00	120	9,600
Electronic Security System	Installation - Cameras & Devices	150.00	110	16,500
Electronic Security System	Dell SATA 2TB Hard Drives and Installation	40.00	569	22,745