Smart Schools Investment Plan - waltonsmart15

SSIP Overview

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Group 1

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

Roger Clough

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

6078654116

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

rclough@waltoncsd.org

2. Please indicate below whether this is the first submission, a new or supplemental submission or an amended submission of a 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.

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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.

SmartBondsMemo.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.waltoncsd.org/Downloads/smart_bond_memo_final_0420016.pdf

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.

1,200

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:

$1,168,536

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	10,400
Connectivity Projects for Communities	0
Classroom Technology	227,833
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	521,622
Totals:	**759,855**

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Group 1

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 exceeds the minimum of 100 Mbps per 1,000 students and staff. We have a 1 GB connection from our RIC-Broome-Tioga BOCES.

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	996	99,600	99.6	1000	1000	current

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

Through e-rate we are purchasing wireless controller and access points, as well as uninterruptable power supplies. The Smart Schools Bond Act funds will be utilized to offset the district's portion of 15% not covered through e-rate. We are adding an additional wireless controller, because we have two separate building locations. This will allow the traffic to stay local to the building and not have to travel between the two. We are replacing thirty-six (36) access points. We are placing a UPS in each network closet in preparation for VoIP.

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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 project will increase the infrastructure to allow for greater Wi-Fi and faster connectivity in the classroom. It will also enhance student learning through the integration of technology across all curriculum areas as well as improving instructional programs by ensuring that support resources equals the needs of added technology initiatives and programs. The project will help our district students and staff stay up-to-date with new technology that will provide equitable access. Interactive classrooms will additionally be maintained. This will increase student opportunities to interact with a broader educational community using digital communication tools.

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.

The district has worked with our RIC Broome Tioga BOCES, and they have preformed several evaluations including a wireless heat map assessment. Based upon their recommendation the district will upgrade the Wireless controller and now have 1 controller in each building. This will allow for less traffic on the network by keeping the traffic localized in each building. We are upgrading our WAPs based on this recommendation to allow for faster transmission speeds. There are spare WAP that can travel with the chromebook carts in the event that a cart is in an area that has decreased signal degradation. We will continue to work with the RIC and continue to have them assess our network as needed and will continue to make the recommended enhancements as needed.

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
12-19-01-04-7-999-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
Scott Duell	22982

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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	10,400
Outside Plant Costs	(No Response)
School Internal Connections and Components	(No Response)
Professional Services	(No Response)
Testing	(No Response)
Other Upfront Costs	(No Response)
Other Costs	(No Response)
Totals:	**10,400**

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	Aruba Controller (85% less original cost)	1	1,400	1,400
Network/Access Costs	Aruba WAP (85% less original)	36	144	5,200
Network/Access Costs	Uninterruptable Power Supplies (85% less original cost)	15	253	3,800

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Group 1

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	(No Response)
Outside Plant Costs	(No Response)
Tower Costs	(No Response)
Customer Premises Equipment	(No Response)
Professional Services	(No Response)
Testing	(No Response)
Other Upfront Costs	(No Response)
Other Costs	(No Response)
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.

Community Connectivity (Broadband and Wireless)

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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)

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Questions

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 exceeds the minimum of 100 Mbps per 1,000 students and staff. We have a 1 GB connection from our RIC-Broome-Tioga BOCES.

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	996	99,600	99.6	1000	1000	current

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.

In order to meet user demand, our district had an assessment performed that included a heat map conducted by Broome-Tioga BOCES. Per their recommendations, we placed access points in the recommended areas, which inlcude classrooms, hallways, auditoriums, and gymnasiums. We also have access points that can be used on carts if location has signal degradation.

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.

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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.

We plan to purchase for the high school and middle school 75 Chromebooks with three carts and for the elementary school 230 Chromebooks. 26 Macs will be purchased for the high school and middle school and 10 for the elementary school. Other devices such as 10 interactive panels will be bought for use in the two buildings (five per building). In the second year, we plan to purchase 10 more interactive panels (five per building). Because we are replacing refurbished or old equipment the facility's electrical and HVAC is adequate to handle the new purchases.

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?"

Through Smart Bonds, the district plans to increase student use of assistive technology devices and tools such as Dragon Naturally Speaking, MP3s for electronic book sources and SRI's and SMI's for benchmarking. The devices purchased will aid in staff training in using assistive technology. Staff and students will use Premiere Tools for alternative access to written documentation. Over the next three years, more utilization of Premiere will be needed to keep staff updated as changes/enhancements are made to the program. The purchases will allow general education instructors access to Premiere Tools and the Language Lab to increase student independence for testing accommodations or test reading. With the technology, students will have access to the broader educational community. General education students will have the opportunity to do more project-based learning through the use of increased technology. Our general education students as well as our students with disabilities will have differentiated instruction through our Google Classroom and Buzz platform.

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.

The proposed technology purchases will enhance our capabilities to share important student data (grades, interims, assessments, teacher contact) with parents and guardians through SchoolTool and other web-based platforms for 24 hour access to the data. More technology will allow teachers the ability to create and develop web-based lessons (such as blogging, WiKi, flipped classrooms, etc.), and differentiated instructional methods to meet the needs of varied student learning styles.

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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 plans to develop and implement effective professional development programs in support of instructional technologies, management tools, and communication. We will create and maintain documentation about technology related processes and procedures to communicate more effectively with staff members. The district will work with the director of K-12 curriculum, DCMO-BOCES tech support and/or professional development resources to provide flexible and relevant PD for teachers and staff. For example, we currently (and will continue to) offer four or more instructional trainings per month: two of which highlight instructional technology or assistive technology uses in instruction. The members of the technology committee will communicate new ideas and resources to the greater school community. And, the district will provide trainings in Google Classroom, Buzz, Coding, SRIs, and other software programs such as StoryBird, SplashMath, and Google Glasses throughout implementation of the plan snd on interactive equipment to assist staff. Support staff also has access to Lynda.com for self-paced training tutorials.

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.

SUNY-Cortland

9b. Enter the primary Institution phone number.

607-753-5528

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.

Dr. Chris Widdall

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.

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	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	90,000
Computer Servers	(No Response)
Desktop Computers	54,648
Laptop Computers	81,685
Tablet Computers	(No Response)
Other Costs	1,500
Totals:	**227,833**

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.

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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	Prowise Interactive Panel	20	4,500	90,000
Desktop Computers	iMAC	36	1,518	54,648
Laptop Computers	Chromebooks-HP 14	230	257	59,110
Laptop Computers	Chromebooks-ASUS Chromebook Flip C100PA-DB02	75	301	22,575
Other Costs	Chromebook Carts	3	500	1,500

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Group 1

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	(No Response)
Enhance/Modernize Educational Facilities	(No Response)
Other Costs	(No Response)
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

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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)

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Group 1

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	(No Response)
Enhance/Modernize Existing Instructional Space	(No Response)
Other Costs	(No Response)
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)

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Group 1

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.

High Tech Security Planning:a direct replacement of our two existing, but separate, cameras system for one IP based security cameras system. We are also implementing electronic entry control at middle school, high school, and Townsend elementary school. Hardware and installation from the OGS vendor(Day Automation). A Cisco VoIP system is being purchased to replace the old, failing analog phones. The current phone system has proven to be a potential danger to our students and staff due to its unreliability, and the majority of our phones can not be used to place calls outside of school, including the inability to dial 911 in case of an emergency. The VOIP system will provide a VOIP enabled device in every location in our district and also provide an additional layer of security by allowing the district to send security messages to the desk phones, mobile phone, or computers via informacast in the event of a security issue. This system will also replace the old and failing paging system without having to replace all of the speakers throughout the building, further enhancing the safety of our students and staff. A Business Edition Cisco appliance will host the Cisco Collaborative software. This is the VOIP software component that integrates the benefits of voice, messaging, emergency alerts, and video processing into the VOIP server. It creates a cost-effective solution that is simple to set up, manage, and use, lowering the total costs of ownership. There are two attendant consoles needed as we have two building locations that are across town from each other and are monitored by two separate employees.

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
12-19-01-04-7-999-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
Scott Duell	22982

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.

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	Sub-Allocation
Capital-Intensive Security Project (Standard Review)	0
Electronic Security System	385,770
Entry Control System	135,852
Approved Door Hardening Project	0
Other Costs	0
Totals:	**521,622**

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.

High-Tech Security Features

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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	Electronic Latch Conversion Kit	12	618	7,416
Entry Control System	Armed Door Cord	12	18	216
Entry Control System	12/24 VDC Power Supply	12	542	6,504
Entry Control System	Enclosed Relay	12	13	156
Entry Control System	External IP Relay, 4 Outputs, PoE	4	215	860
Entry Control System	ACC 5 Enterprise license for up to 1 camera channels and unlimited viewing	4	335	1,340
Entry Control System	16 Zone Input Module with 2 Relay Outputs	2	646	1,292
Entry Control System	2Reader Interface Module, 2 In, 2 Out, RS485 Out,12 Vdc/PoE	14	536	7,504
Entry Control System	A8004-VE IP Video Door Station, 2-way Communication w/Remote Entry Control	4	1,225	4,900
Entry Control System	PASSIVE INFRARED REX, 12 TO 30VDC, 26MA, SURFACE MOUNT, FORM C	12	60	720
Entry Control System	Access/HVAC CP, 24	12	232	2,784
Entry Control System	ACX/2 EMX/8 ACD's	2	780	1,560
Entry Control System	1 in. Recessed Door Contact, Wide-Gap, N.C. Loop	30	14	420
Entry Control System	1 in. Recessed Door Contact with 2k Ohm Embedded Resistors, Wide-Gap, N.C.	30	20	600
Entry Control System	RIB Rly, 10 Amp, SPDT, 10-30 Vac/dc/120 Vac Coil	12	16	192
Entry Control System	iClass Cards, PVC, 2kb, Prog,White, Seq Matching Int/Ext Inkjetted, NSP, 26b	3	397	1,191
Entry Control System	iClass/multiClass SE R40/RP40 Reader, HID Prox, Legacy, Wiegand, Black	12	254	3,048
Entry Control System	3' Cat 6 Copper Stranded Patch Cable - Orange - Booted, Snagless	4	10	40
Entry Control System	12 Vdc 7 AH Battery	12	17	204
Entry Control System	2.0 Megapixel (1080p) WDR, LightCatcher, Day/Night, 3-9mm f/1.3	1	720	720

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Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
	P-iris lens, Self-Learning			
Entry Control System	Enterprise Web-Based PACS Harware Appliance for 32 Readers	1	3,750	3,750
Entry Control System	Badging Application Software License, 1 per Appliance	1	750	750
Entry Control System	Complete K-12 VMS. Includes WS, Licensing, Sign Pad, Camera,Printer	2	6,200	12,400
Entry Control System	Fargo Cleaning Kit for DTC Printers	1	40	40
Entry Control System	Fargo YMCKOK Ribbon, 200 prints	1	100	100
Entry Control System	Fargo DTC4250e Dual Sided Badge Printer	1	3,120	3,120
Entry Control System	6601UT tripod tilt	1	25	25
Entry Control System	Entry Control Subcontractor Hardware Install	1	52,000	52,000
Entry Control System	Entry Control Day Automation Design, configuration, commission	1	22,000	22,000
Electronic Security System	3.0 Megapixel WDR, LightCatcher, Day/Night, Indoor Dome, 3-9mm f/1.3 P-iris lens, Self	46	750	34,500
Electronic Security System	7K (30 MP) H.264 HD Pro with LightCatcher Technology	4	9,000	36,000
Electronic Security System	4K (8 MP) H.264 HD Pro with LightCatcher Technology	19	1,877	35,663
Electronic Security System	Large Format Enclosure for HD IP Pro Cameras with 12VDC/24VAC Heater, Wall Bracket	23	374	8,602
Electronic Security System	Optional PoE+ power module, Powers full camera enclosure features & camera	23	220	5,065
Electronic Security System	Reinforcing wall mount adapter for ES-HD-HWS-SM, ES-HD-HWS, ES-HD-CWS, ES-HDHWS-	23	36	828
Electronic Security System	Canon, 50mm, f/1.4, Auto-Iris	23	750	17,250
Electronic Security System	Single port Gigabit 802.3at PoE Plus injector, Class 4-NA power cord	19	70	1,330
Electronic Security System	Gold Plated DisplatPort to HDMI Cable, 25 ft	1	25	25
Electronic Security System	6 ft. DisplayPort to HDMI Cable M-M	1	15	15

High-Tech Security Features

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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	Interior IP Camera Termination Kit	46	28	1,288
Electronic Security System	Exterior IP Camera Termination Kit	23	100	2,300
Electronic Security System	2U NVS (HP Chassis), (12) 6 TB HD's w/Hot Spare, 60TB Total 55.2	4	11,100	44,400
Electronic Security System	Thin Client Mini PC Mount	1	1,000	1,000
Electronic Security System	Elitedesk 705 G2 Desktop MiniPC, 8GB RAM, AMD Radeon Graphics, 500GB HDD, 6.9x7x1.	1	600	600
Electronic Security System	3' Cat 6 Copper Stranded Patch Cable - Orange - Booted, Snagless	69	1	69
Electronic Security System	wall mount	1	200	200
Electronic Security System	LED Display	1	860	860
Electronic Security System	Electronic Security System Day Automation design, configuration, commision	1	31,000	31,000
Electronic Security System	Cisco Collaboration Servers Business Edition 6000	1	6,200	6,200
Electronic Security System	Power Supply for Server	1	460	460
Electronic Security System	Cisco Collaboration Software Business Edition	155	210	32,550
Electronic Security System	BE 6000-user license starter bundle	1	650	650
Electronic Security System	Attendant Console (One per building in the district)	2	650	1,300
Electronic Security System	Emergency Paging Notification Informacast License IPTA-IC250	1	5,175	5,175
Electronic Security System	Informacast gateway	3	450	1,350
Electronic Security System	Cisco One ISR 4321(Cisco One and SRST are needed to split campuses, if one campus loses power or internet, other campus phones still work)	2	1,300	2,600
Electronic Security System	SRST-25 Seat License (Cisco One and SRST are needed to split campuses, if one campus loses power or internet, other campus phones still work)	2	450	900
Electronic Security System	Cisco One Advanced UC ISR 4321-(Cisco One and SRST are needed to split campuses, if one campus loses power or internet, other campus	2	720	1,440

High-Tech Security Features

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Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
	phones still work)			
Electronic Security System	2-port FXS/FXS-E/DID network interface	2	910	1,820
Electronic Security System	1 port multiflex Trunk voice-channelized data	1	1,600	1,600
Electronic Security System	64 channel dsp module	1	2,250	2,250
Electronic Security System	Cisco 8831 Base/Control Panel	1	980	980
Electronic Security System	IP Phones Model 7841	175	240	42,000
Electronic Security System	IP Phones Model 8845	75	380	28,500
Electronic Security System	Electronic Security Fingerlakes System Design, Configuration, and commisioning	1	35,000	35,000

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