Smart Schools Investment Plan - 2016-17 Version (Original) - Schuylerville-01

SSIP Overview

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

    Marian Chrisman

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

    518-695-8251

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

    chrismanm@schuylerville.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.

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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.**

Smart-Bond-Plan.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.schuylervilleschools.org/wp-content/uploads/2016/07/Smart-Bond-Public-Hearing_web.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.**

2,030

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:**

$1,398,244

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	251,674
Connectivity Projects for Communities	0
Classroom Technology	235,548
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	909,250
Totals:	**1,396,472**

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School Connectivity

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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.

   Schuylerville Central School exceeds the FCC standard necessary to access the technology being proposed for purchase under the SSBA guidelines. They currently subscribe to 165 mbps contracted through 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	1,624	162,400	162.4	165	165	Currently Met

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

   The funds from the Smart Schools Bond Act will enable the district to complete and enhance the infrastructure supporting our wireless initiatives. As we continue to implement our one to one iPad initiative, these funds allow for the purchase of additional switches, network closet upgrades and access points.

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School Connectivity

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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 district has employed a Technology Integration Specialist to assist teachers in utilizing the iPads as an instructional tool to enhance the learning opportunities for students. This position reviews current curriculum and assists in the development of research-based projects effectively using the technology available. Teachers are being encouraged to develop pilot projects permitting students and teachers to explore technological opportunities. Special Educations classrooms are being provide the iPads to assist with curriculum enhancements as well as assistive devices for special needs students. We have expanded the use of delivering as well as receiving distance learning and internet based learning. The infrastruture upgrades will relieve some of the bottlenecks on speed being experienced with greater use of these technologies.

Goal 1: Provide a robust infrastructure that allows for adequate connection speeds and uptime to ensure all learners have access to the resources they need. This is being done through planned redundancy in the switching network as well as a new fiber link between the high school and elementary/middle school buildings.

Goal 2: Provide increased wireless coverage throughout the buildings to meet the demands of our growing 1:1 device iniative. This is being accomplished with updated wireless access points as well as an increase in the number of those access points along with planned redundancy to mitagate potential hardware failures.

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 reviewed it's bandwidth usage and the placement of Wireless Access Points throughout the district. With the planned addition of 500 new devices over the next two years we are increasing the bandwidth purchase to 165 mbs.

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
52-17-01-04-7-999-001
52-17-01-04-7-999-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
Matthew S. Monaghan	29199

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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	200,036
Outside Plant Costs	(No Response)
School Internal Connections and Components	51,638
Professional Services	0
Testing	0
Other Upfront Costs	0
Other Costs	0
Totals:	**251,674**

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	Catalyst 2960-X 48 GigE PoE 740W, 2 x 10G SFP+, LAN Base	20	3,678	73,560
Network/Access Costs	Cisco Catalyst 3850 48 Port Data IP Base	2	5,290	10,580
Network/Access Costs	Cisco ONE - 5520 Wireless Controller w/rack mounting kit	2	9,200	18,400
Network/Access Costs	802.11ac W2 AP w/CA; 3x4:3; Int Ant; 2xGbE B	104	596	61,984
Network/Access Costs	Cisco Business Edition 7000M Svr (M4), Export Restricted SW	1	11,765	11,765
Network/Access Costs	APC Smart-UPS X SMX3000RMLV2UNC 3000 VA Rack-mountable UPS	8	1,757	14,056
Network/Access Costs	APC External Battery Pack	9	777	6,993
Network/Access Costs	APC Smart-Ups X 1920 VA Tower/Rack	1	1,470	1,470
Network/Access Costs	350W AC Config 1 SecondaryPower	2	230	460

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School Connectivity

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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
	Supply			
Network/Access Costs	770W AC Hot-Plug Power Supply for 5520 Controller	1	321	321
Network/Access Costs	APC 2-Post Mounting Kit	3	149	447
Connections/Components	Catalyst 2960-X FlexStack Plus Stacking Module	20	550	11,000
Connections/Components	Cisco Catalyst 3850 2 x 10GE Network Module	2	1,150	2,300
Connections/Components	10GBASE-LRM SFP Module	18	458	8,244
Connections/Components	10GBASE-LR SFP Module, Enterprise-Class	2	874	1,748
Connections/Components	10GBASE-CU SFP+ Cable 1 Meter	2	46	92
Connections/Components	10GBASE-CU SFP+ Cable 3 Meter	2	46	92
Connections/Components	10GBASE-SR SFP Module, Enterprise-Class	4	299	1,196
Connections/Components	APC Network Management Card	9	441	3,969
Connections/Components	Core Professional Services- Installation and Configuration of network switches	1	22,997	22,997

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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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Classroom Learning Technology

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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 Schuylerville Central School District exceeds the FCC standard. The district currently subscribes to 165 mbps through BOCES contracted services

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	1,624	162,400	162.4	165	165	Currently Met

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

Once this SSIP is approved the infrastructure will be upgraded and reinforced as previously stated to provide wider coverage, enhanced speed and reliability to all devices throughout the district.

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.**

    Schuylerville Central School intends to purchase Smart TV's to replace existing, outdated smart boards. Required infrastructure is already in place.

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?"

    Smart TV's will enhance instruction in the classroom in various ways.   Teachers will have the ability to engage in whole group instruction on a board that can allow for seamless annotation, along with integrating the best websites and content available. Designated classrooms will be outfitted with panels installed on mobile carts allowing for improved physical access. These TV's will also allow for students at all levels to succeed with creative and interactive collaboration. Specifically, English Language Learners and students with disabilities will benefit from these boards through the inclusion of small group interactive activities that apply to all levels of learners.Text to speech and language apps such as Dragon Dictation, Siri, ABC Mouse, Starfall, Reading A-Z and Fun with Directions will be used on the interactive panels to allow better visualization and understanding of the curriculum content.

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.**

    With the use of the Smart TV's teachers can connect any device. Teachers can use their desktop, or a laptop, that connects via a cable to the smart tv. This will allow teachers the opportunity to connect with the outside world and the whole class can participate. By using apps they currently use in the classroom, and expanding to new apps and websites that they have learned about at grade level meetings, they can connect with anyone around the world. The smart tv also will connect to the iPad through an app so that teachers are not cemented to the front of the room, but rather can move around and still reflect their iPad to the front of the room.

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."

    Teachers have been exposed to these new boards this summer during a summer training series, through professional development opportunities, and grade level meetings that are held in a room that currently houses a smart tv. Teachers can continue to gain support and training through our district's integration specialist, technology department, and their peers as they begin to use this new technology. Teachers will learn how to write on the panel, reflect their iPads onto the panel, and navigate the touch screen capabilities through training. Training will also be offered on how to use the panel for large and small group instruction, collaboration, globalization, and other classroom initiatives.

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Classroom Learning Technology

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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 Plattsburgh

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

518-564-2040

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.**

Stephan Danna

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

10a. **Describe your plan to loan purchased hardware to nonpublic schools within your district. The plan should use your district's nonpublic per-student loan amount calculated below, within the framework of the guidance. Please enter the date by which nonpublic schools must request classroom technology items. Also, specify in your response the devices that the nonpublic schools have requested, as well as in the in the Budget and the Expenditure Table at the end of the page.**

There was one non-public school in our district but it has closed effective 6/30/2015.

10b. **A final Smart Schools Investment Plan cannot be approved until school authorities have adopted regulations specifying the date by which requests from nonpublic schools for the purchase and loan of Smart Schools Bond Act classroom technology must be received by the district.**

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

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	235,548
Totals:	**235,548**

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
Other Costs	Smart TV's	81	2,908	235,548

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Pre-Kindergarten Classrooms

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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.

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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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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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High-Tech Security Features

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

   The district plans on installing 33 new door access points;upgrade eight (8) existing points; implement 15 door status monitored locations. Install visitor management system at all 3 lobby entrances as well as hallway notification displays. We anticipate replacing six (6) PTZ Exterior with Multi Sensor and add five (5) new with IP cameras. 57 existing Interior cameras will be replaced and 10 new will be added. We will also install a new Network Video recording server to handle additional storage capacity and backup capabilities. There will be four (4) new intrusion panels with cell backup and intrusion keypads. This will allow for access control integration and intrusion alarms on exterior long-range motion detectors and interior short range motion.The funds will also allow for the completion of a door hardening project.

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
52-17-01-04-7-999-BA1
52-17-01-04-7-999-001

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
Matthew S. Monaghan	29199

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	370,093
Entry Control System	336,533
Approved Door Hardening Project	70,000
Other Costs	132,624
Totals:	**909,250**

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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
Entry Control System	Avigilon: 16 Reader Count Software License Upgrade	2	746	1,492
Entry Control System	Avigilon: multiClass SE RP40 Mobile Enabled Reader Black Mullion	33	309	10,197
Entry Control System	Axis: A8004-VE IP Video Door Station, 2-way Communication w/Remote Entry Control	6	1,224	7,344
Entry Control System	Bosch: PASSIVE INFRARED REX, 12 TO 30VDC, 26MA, SURFACE MOUNT, FORM C CONTACTS	29	61	1,769
Entry Control System	Bosch: Trim Plate for Mounting DS160 REX	29	1	29
Entry Control System	Day Automation: 1 in. Recessed Door Contact with 2k Ohm Embedded Resistors & 2nd Reed, Wide-Gap, N.C. Loop	17	40	680
Entry Control System	Day Automation: 1 in. Recessed Door Contact with 2k Ohm Embedded Resistors, Wide-Gap, N.C. Loop	29	19	551
Entry Control System	Day Automation: 1 in. Recessed Door Contact with Second Reed, Wide-Gap, N.C. Loop	2	33	66
Entry Control System	Day Automation: 1 in. Recessed Door Contact, Wide-Gap, N.C. Loop	22	14	308
Entry Control System	Day Automation: 3 in. Track Mount Contact, Wide-Gap w/ 3 ft. Armor Cable & 2k Ohm Embedded Resistors, N.C. Loop	7	55	385
Entry Control System	Day Automation: Complete K-12 VMS. Includes WS, Licensing, Sign Pad, Camera, Printer, Badges, Scanner, USB Hub, and SO Screening. No Integration.	3	7,301	21,903
Entry Control System	Day Automation: CP for 1-Access Door, 12	12	231	2,772
Entry Control System	Day Automation: CP for 1-Access	6	490	2,940

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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
	Door, 16x19x6 in. N1 Enc HgC, 2.5 A 24 Vdc Power, Max 1-AC-1PLUS & CP-ADA-1 Power			
Entry Control System	Day Automation: Power Panel for Exterior Strobe Light w/Network Connection	6	661	3,966
Entry Control System	Day Automation: Security Lockdown Kit, Button with Shield, Back Box, Adapter, and Lockdown Label	10	481	4,810
Entry Control System	Functional Devices: RIB Rly, 10 Amp, SPDT, 10-30 Vac/dc/120 Vac Coil	29	15	435
Entry Control System	Powersonic: 12 Vdc 7 AH Battery	12	17	204
Entry Control System	Avigilon: 2-Reader Interface Module, 2 In, 2 Out, RS485 Out, 12 Vdc/PoE (Mercury MR1501)	12	536	6,432
Entry Control System	Avigilon: 2-Reader Interface Module, 8 In, 4 Out, RS485 Out, 12-24 Vdc (Mercury MR1502)	5	1,034	5,170
Entry Control System	Avigilon: 2-Reader Interface Module, Mag or Wiegand, 8 In, 6 Rlys (Mercury MR52)	3	566	1,698
Electronic Security System	2N: External IP Relay, 4 Outputs, PoE	6	215	1,290
Electronic Security System	Advanced Network Devices: IP Clock with Flashers (Large), 2-way Audio, PoE/SIP, 22" long overall, SS construction, Includes Enclosure	9	1,127	10,143
Electronic Security System	Advanced Network Devices: IP Clock with Flashers (Small), 2-way Audio, PoE/SIP, 18" long overall, SS construction, Includes Enclosure	43	931	40,033
Electronic Security System	Avigilon: 3.0 Megapixel WDR, LightCatcher, Day/Night, Surface Indoor Dome, 3-9mm f/1.3 P-iris lens, Self-Learning Video Analytics	34	747	25,398
Electronic Security System	Avigilon: 3x 3 MP, Outdoor Multisensor Camera, 2.8-8mm f/1.3	4	1,678	6,712
Electronic Security System	Avigilon: 3x 3 MP, Pendant Multisensor Camera, 2.8-8mm f/1.3, B series for use with CM-MT-WALL1	8	1,678	13,424
Electronic Security System	Avigilon: 4K (8 MP) H.264 HD Pro with LightCatcher Technology	1	1,866	1,866

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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	Avigilon: 4K UHD (8.0 Megapixel), 4.3-8mm f/1.8 P-iris lens, Integrated IR, Self-Learning Video Analytics	15	1,343	20,145
Electronic Security System	Avigilon: 4x 3 MP, In-ceiling Multisensor camera, 2.8-8mm f/1.3	1	1,812	1,812
Electronic Security System	Avigilon: 5.0 Megapixel, LightCatcher, 4.3-8mm f/1.8 P-iris lens, Indoor Dome, Self-Learning Video Analytics	35	855	29,925
Electronic Security System	Avigilon: 5.0 Megapixel, LightCatcher, Day/Night, Indoor Dome, 9-22mm f/1.6 P-iris lens, Self-Learning Video Analytics	6	890	5,340
Electronic Security System	Avigilon: 5K (16 MP) H.264 HD Pro with LightCatcher Technology	4	6,713	26,852
Electronic Security System	Avigilon: 7K (30 MP) H.264 HD Pro with LightCatcher Technology	5	8,950	44,750
Electronic Security System	Avigilon: ACC 6 Enterprise license for up to 1 camera channels	6	300	1,800
Electronic Security System	Avigilon: ACC 6 Enterprise license for up to 24 camera channels	1	5,992	5,992
Electronic Security System	Avigilon: ACC 6 Enterprise license for up to 48 camera channels	2	11,944	23,888
Electronic Security System	Avigilon: Add-On Analytics Kit for Appearance Search	2	877	1,754
Electronic Security System	Avigilon: Canon, 24mm, f/1.4, Auto-Iris	9	3,168	28,512
Electronic Security System	Avigilon: Corner mount adapter for use with H4A-MT-WALL1, H4A-BO-JBOX1 or HD Bullet Camera	8	81	648
Electronic Security System	Avigilon: Junction box for the H4A-BO-IR HD Bullet Cameras	15	81	1,215
Electronic Security System	Avigilon: Large Format Enclosure for HD IP Pro Cameras with 12VDC/24VAC Heater, Wall Bracket and Sunshield, Max combined camera and lens length is 12.8'' (32.5 cm)	10	371	3,710
Electronic Security System	Avigilon: Metal ceiling panel for use with H3PTZ-DC in-ceiling dome cameras to replace or reinforce the existing ceiling tile in suspended ceiling installations	1	81	81
Electronic Security System	Avigilon: Optional PoE+ power	10	210	2,100

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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
	module, Powers full camera enclosure features & camera with a single Ethernet connection			
Electronic Security System	Avigilon: Pendant Wall Arm (needs H4F-MT-NPTA1)	8	63	504
Electronic Security System	Avigilon: Reinforcing wall mount adapter for ES-HD-HWS-SM, ES-HD-HWS, ES-HD-CWS, ES-HD-HWS-LG & ES-HD-CWS-LG	10	36	360
Electronic Security System	Avigilon: Sigma, 35mm, f/1.4, Auto-Iris	6	1,857	11,142
Electronic Security System	Avigilon: Single port Gigabit 802.3at PoE Plus injector, Class 4 - NA power cord	23	67	1,541
Electronic Security System	Day Automation: Exterior Blue Strobe Light, Optional Horn	28	124	3,472
Electronic Security System	Day Automation: Exterior IP Camera Termination Kit	33	98	3,234
Electronic Security System	Day Automation: Interior IP Camera Termination Kit	132	28	3,696
Electronic Security System	Day Automation: Network Video Server, 2U Rack Mount, 84 TB, and Academic Licensing, Includes application configuration services.	2	18,502	37,004
Electronic Security System	Singlewire: InformaCast Advanced Notification Endpoint Licensing - 250 License Bundle	1	9,000	9,000
Electronic Security System	Singlewire: InformaCast Advanced Notification Endpoint Licensing - 50 License Bundle	1	2,750	2,750
Other Costs	Professional Services for System Engineering/System Programming/Proj Management/Checkout	1	97,624	97,624
Entry Control System	System Installation, cabling, hardware mounting and door control installation	1	263,382	263,382
Other Costs	Architect Fees and Permits	1	35,000	35,000
Approved Door Hardening Project	Protective Door Window Coating	1	70,000	70,000