

## Smart Schools Investment Plan - Revised - Phase 4

## SSIP Overview

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## Institution ID

800000040463

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

John Hicks

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

845-744-2031 Ext 4040

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

john.hicks@pinebushschools.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.

Supplemental 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.** Parents Teachers Students Community members This plan has been identified as a Remote Learning Plan and meets the criteria per the SSBA Guidance to be submitted and reviewed on an expedited basis, therefore the district did not consult with certain stakeholder groups including parents, teachers, students, community members and/or nonpublic schools in the district prior to submission of the application.

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

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

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**6. Certify that the following required steps have taken place by checking the boxes below:**

- 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 occurred 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.
- This Plan has been identified as a Remote Learning Plan and meets the criteria per the SSBA Guidance to be submitted and reviewed on an expedited basis, therefore this plan has not met certain stakeholder engagement requirements including, consulting with nonpublic schools in advance of plan submission, having the school board conduct a hearing on the plan and/or posting the plan to the district website for a minimum of 30 days. This district will post the Remote Learning Plan to the district's website upon submission of the application.

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

Smart Schools Investment Plan Phase 4.pdf

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

<https://www.pinebushschools.org/departments/special-programs-technology/>

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

5,912

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

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

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

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

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

(No Response)

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

\$5,050,017

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	5,221	208	5,429.00	3.83

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

	Sub-Allocations	Expenditure Totals	Difference
School Connectivity	546,304.30	546,304.30	0.00
Connectivity Projects for Communities	0.00	0.00	0.00
Classroom Technology	0.00	0.00	0.00
Pre-Kindergarten Classrooms	0.00	0.00	0.00
Replace Transportable Classrooms	0.00	0.00	0.00
High-Tech Security Features	1,532,483.96	1,532,483.96	-0.00
Nonpublic Loan	17,713.74	17,713.74	-0.00
<b>Totals:</b>	<b>2,096,502</b>	<b>2,096,502</b>	<b>-0</b>

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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.**

The school district utilizes a BOCES Cooperative Service for Internet bandwidth services. As such, we are maximizing both our investment as well as utilize the ability for our bandwidth to "burst" as necessary when demand peaks. The district currently contracts for 2Gbps of bandwidth and has the ability to burst above 2Gbps as needed.

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

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

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

	Number of Students	Required Speed in Mbps	Current Speed in Mbps	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	4,810	481.00	2048	2048	7/1/16

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

This project will replace many of the district's closet switches that will ensure maximum up time for the district's high-speed broadband connection through out the school buildings. It is important for the district to maintain switches that support the networking demands of all of the devices and systems that are connected to the district network. The majority of this project will focus on high tech security features.

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School Connectivity

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

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

The district is committed to improving and maintaining the quality and integrity of the connectivity infrastructure. This provides the district with the foundation to support our instructional technology initiatives in all of its schools. The connectivity improvements and expansions in this project will accomplish this by ensuring that our connectivity infrastructure is both sound and robust.

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 completed a capital project in early 2015 which upgraded the district's Wi-Fi network throughout all of the district's schools. Wi-Fi is available in every instructional and large space in the district and is robust enough to handle our one to one initiative. The district's wireless controllers were upgraded during the summer of 2018 utilizing E-Rate funds.

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

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

Project Number
44-04-01-06-7-999-009

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?

No

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

Name	License Number
Scott Duell	22982

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

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Select the allowable expenditure type. Repeat to add another item under each type.	<b>PUBLIC</b> Items to be Purchased	Quantity	Cost Per Item	Total Cost
Network/Access Costs	Cisco 9200 Switch	50	8,633.63	431,681.50
Network/Access Costs	10GE SFP (Fiber Interface)	15	863.36	12,950.40
		<b>65</b>	<b>9,496.99</b>	<b>444,632</b>

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

Select the allowable expenditure type. Repeat to add another item under each type.	<b>PUBLIC</b> Items to be purchased	Quantity	Cost per Item	Total Cost
Connections/Components	Integration Services	50	1,354.82	67,741.00
Connections/Components	Mounting Hardware & Cables	2,310	6.64	15,338.40
Connections/Components	FO Patch Cables	100	53.10	5,310.00
Connections/Components	Fiber Optic Backbone	1	13,283.00	13,283.00
		<b>2,461</b>	<b>14,697.56</b>	<b>101,672</b>

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	5,221	208	5,429.00	3.83

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

	Public Allocations	Estimated Nonpublic Loan Amount	Estimated Total Sub-Allocations
Network/Access Costs	444,631.90	17,713.74	462,345.64
School Internal Connections and Components	(No Response)	0.00	0.00
Other	(No Response)	0.00	0.00
<b>Totals:</b>	<b>444,631.90</b>	<b>17,714</b>	<b>462,346</b>

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

	Sub-Allocation
Network/Access Costs	(No Response)
Outside Plant Costs	(No Response)
School Internal Connections and Components	101,672.40
Professional Services	(No Response)
Testing	(No Response)

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School Connectivity

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	Sub- Allocation
Other Upfront Costs	(No Response)
Other Costs	(No Response)
<b>Totals:</b>	<b>101,672.40</b>

14. **School Connectivity Totals**

	Total Sub-Allocations
Total Loanable Items	462,345.64
Total Non-loanable Items	101,672.40
<b>Totals:</b>	<b>564,018</b>

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Community Connectivity (Broadband and Wireless)

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

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

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

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

	Sub-Allocation
Network/Access Costs	(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)



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Community Connectivity (Broadband and Wireless)

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	Sub-Allocation
<b>Totals:</b>	<b>0.00</b>

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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.**

(No Response)

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

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

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

	Number of Students	Required Speed in Mbps	Current Speed in Mbps	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	(No Response)	0.00	(No Response)	(No Response)	(No Response)

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

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

(No Response)

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## Classroom Learning Technology

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4. All New York State public school districts are required to complete and submit an Instructional Technology Plan survey to the New York State Education Department in compliance with Section 753 of the Education Law and per Part 100.12 of the Commissioner's Regulations.

**Districts that include educational technology purchases as part of their Smart Schools Investment Plan must have a submitted and approved Instructional Technology Plan survey on file with the New York State Education Department.**

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

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

(No Response)

6. **Describe how the proposed technology purchases will:**

- > enhance differentiated instruction;
- > expand student learning inside and outside the classroom;
- > benefit students with disabilities and English language learners; and
- > contribute to the reduction of other learning gaps that have been identified within the district.

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

**In addition, describe how the district ensures equitable access to instruction, materials and assessments and participation in the general curriculum for both SWD and English Language Learners/Multilingual Learners (ELL/MLL) students.**

**Please note: If this plan has been identified as a Remote Learning Plan to be submitted and reviewed on an expedited basis, the district should explain how this plan will facilitate remote and hybrid learning, in lieu of responding to the question above.**

(No Response)

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

(No Response)

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## Classroom Learning Technology

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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."

**Please note: If this plan has been identified as a Remote Learning Plan to be submitted and reviewed on an expedited basis, the district should provide a statement confirming that the district has provided or will provide professional development on these devices to its staff, in lieu of responding to the question above.**

(No Response)

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

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

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

(No Response)

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

(No Response)

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

(No Response)

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

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

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

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

12.

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Classroom Learning Technology

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

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

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	5,221	208	5,429.00	3.83

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

	Public School Sub-Allocation	Estimated Nonpublic Loan Amount (Based on Percentage Above)	Estimated Total Public and Nonpublic Sub-Allocation
Interactive Whiteboards	(No Response)	0.00	0.00
Computer Servers	(No Response)	0.00	0.00
Desktop Computers	(No Response)	0.00	0.00
Laptop Computers	(No Response)	0.00	0.00
Tablet Computers	(No Response)	0.00	0.00
Other Costs	(No Response)	0.00	0.00
<b>Totals:</b>	<b>0.00</b>	<b>0</b>	<b>0</b>

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

(No Response)

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

(No Response)

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

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

Project Number
(No Response)

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

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

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

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

	Sub-Allocation
Construct Pre-K Classrooms	

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Pre-Kindergarten Classrooms

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	Sub-Allocation
	(No Response)
Enhance/Modernize Educational Facilities	(No Response)
Other Costs	(No Response)
<b>Totals:</b>	<b>0.00</b>

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Replace Transportable Classrooms

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

(No Response)

- 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)

- 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)

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

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

- 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)
<b>Totals:</b>	<b>0.00</b>



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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.

Upgrade mass notification system in two of the district's schools - install new IP based paging system in the high school and one elementary school to replace antiquated systems

Replace existing analog clocks in all district schools with IP clocks and emergency message displays

Video Surveillance Improvements at two of the district's campuses - install additional exterior cameras at the high school and a elementary/middle school complex

System Integration is the installation of the intelligent components of the system, the associated programming of the system and the interfacing of the system with other building systems. This also includes complete testing and commissioning of the system.

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

Project Number
44-04-01-06-7-999-009

3. Was your project deemed eligible for streamlined Review?

Yes

No

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

Name	License Number
Scott Duell	22982

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

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Electronic Security System	Exterior Cameras - Long View	8	2,415.00	19,320.00
Electronic Security System	20 Ft Poles & Bases	4	18,716.25	74,865.00
Electronic Security System	Trenching, DuctBank and Restoration	650	60.38	39,247.00
Electronic Security System	Fiber to Pole Barn	1	12,074.00	12,074.00
Electronic Security System	Cabling	8	2,415.00	19,320.00

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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	Patch cables	16	18.00	288.00
Electronic Security System	Integration Services for Video Surveillance	1	2,090.00	2,090.00
Electronic Security System	Demo of existing Sound System	1	2,415.00	2,415.00
Electronic Security System	Demo of existing Sound System	1	2,415.00	2,415.00
Electronic Security System	Demo of old speakers	250	42.26	10,565.00
Electronic Security System	Demo of old speakers	100	42.26	4,226.00
Electronic Security System	Demo Old wire	1	60,375.00	60,375.00
Electronic Security System	Demo Old wire	1	13,282.59	13,282.59
Electronic Security System	Corrdior Speakers wiring circuits	18	1,207.50	21,735.00
Electronic Security System	Corrdior Speakers wiring circuits	10	1,207.50	12,075.00
Electronic Security System	Corridor Circ Amps	8	1,811.25	14,490.00
Electronic Security System	Corridor Circ Amps	10	1,811.25	18,112.50
Electronic Security System	Integration to Lockdown System	1	15,665.00	15,665.00
Electronic Security System	Integration to Lockdown System	1	10,000.00	10,000.00
Electronic Security System	IP Intergration I/O modules	8	603.75	4,830.00
Electronic Security System	IP Intergration I/O modules	3	603.75	1,811.25
Electronic Security System	New Sound / Mass Notification Rack	1	18,112.50	18,112.50
Electronic Security System	New Sound / Mass Notification Rack	1	18,112.50	18,112.50
Electronic Security System	New Speakers	245	603.75	147,918.75
Electronic Security System	New Speakers	100	603.75	60,375.00
Electronic Security System	New Speakers wiring	75	966.00	72,450.00
Electronic Security System	New Speakers wiring	52	966.00	50,232.00
Electronic Security System	Override relays	5	905.62	4,528.10
Electronic Security System	Override relays	3	905.62	2,716.86
Electronic Security System	Clock head End removal	1	603.75	603.75

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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	Clock head End removal	1	603.75	603.75
Electronic Security System	Clock head End removal	1	603.75	603.75
Electronic Security System	Clock head End removal	1	603.75	603.75
Electronic Security System	Clock head End removal	1	603.75	603.75
Electronic Security System	Clock head End removal	1	603.75	603.75
Electronic Security System	Clock head End removal	1	603.75	603.75
Electronic Security System	C/S Baffle Retrofit	55	181.12	9,961.60
Electronic Security System	C/S Baffle Retrofit	29	181.12	5,252.48
Electronic Security System	C/S Baffle Retrofit	58	181.12	10,504.96
Electronic Security System	C/S Baffle Retrofit	66	181.12	11,953.92
Electronic Security System	C/S Baffle Retrofit	71	181.12	12,859.52
Electronic Security System	C/S Baffle Retrofit	71	181.12	12,859.52
Electronic Security System	C/S Baffle Retrofit	180	181.12	32,601.60
Electronic Security System	Clock removals	55	42.26	2,324.30
Electronic Security System	Clock removals	73	42.26	3,084.98
Electronic Security System	Clock removals	65	42.26	2,746.90
Electronic Security System	Clock removals	66	42.26	2,789.16
Electronic Security System	Clock removals	75	42.26	3,169.50
Electronic Security System	Clock removals	75	42.26	3,169.50
Electronic Security System	Clock removals	200	42.26	8,452.00
Electronic Security System	Clock removals	14	42.26	591.64
Electronic Security System	New Cat 6 wiring	15	664.12	9,961.80
Electronic Security System	New Cat 6 wiring	19	664.12	12,618.28
Electronic Security System	New Cat 6 wiring	16	664.12	10,625.92
Electronic Security System	New Cat 6 wiring	18	664.12	11,954.16
Electronic Security System	New Cat 6 wiring	19	664.12	12,618.28

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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	New Cat 6 wiring	20	664.12	13,282.40
Electronic Security System	New Cat 6 wiring	52	664.12	34,534.24
Electronic Security System	New Cat 6 wiring	14	664.12	9,297.68
Electronic Security System	New Cat 6 wiring	3	664.12	1,992.36
Electronic Security System	New IP Clock / Display ( Large)	5	1,569.75	7,848.75
Electronic Security System	New IP Clock / Display ( Large)	5	1,569.75	7,848.75
Electronic Security System	New IP Clock / Display ( Large)	6	1,569.75	9,418.50
Electronic Security System	New IP Clock / Display ( Large)	3	1,569.75	4,709.25
Electronic Security System	New IP Clock / Display ( Large)	4	1,569.75	6,279.00
Electronic Security System	New IP Clock / Display ( Large)	5	1,569.75	7,848.75
Electronic Security System	New IP Clock / Display ( Large)	12	1,569.75	18,837.00
Electronic Security System	New IP Clock / Display ( Large)	2	1,569.75	3,139.50
Electronic Security System	New IP Clock / Display ( Small)	50	603.75	30,187.50
Electronic Security System	New IP Clock / Display ( Small)	70	603.75	42,262.50
Electronic Security System	New IP Clock / Display ( Small)	59	603.75	35,621.25
Electronic Security System	New IP Clock / Display ( Small)	66	603.75	39,847.50
Electronic Security System	New IP Clock / Display ( Small)	71	603.75	42,866.25
Electronic Security System	New IP Clock / Display ( Small)	78	603.75	47,092.50
Electronic Security System	New IP Clock / Display ( Small)	207	603.75	124,976.25
Electronic Security System	New IP Clock / Display ( Small)	14	603.75	8,452.50
Electronic Security System	New IP Clock / Display ( Small)	1	603.75	603.75
Electronic Security System	Remove Clock Wiring	55	42.27	2,324.85
Electronic Security System	Remove Clock Wiring	73	42.27	3,085.71
Electronic Security System	Remove Clock Wiring	65	42.27	2,747.55
Electronic Security System	Remove Clock Wiring	66	42.27	2,789.82
Electronic Security System	Remove Clock Wiring	75	42.27	3,170.25

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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	Remove Clock Wiring	75	42.27	3,170.25
Electronic Security System	Remove Clock Wiring	200	42.27	8,454.00
Electronic Security System	Remove Clock Wiring	14	42.27	591.78
Electronic Security System	System Integration	1	7,607.25	7,607.25
Electronic Security System	System Integration	1	10,022.25	10,022.25
Electronic Security System	System Integration	1	8,694.00	8,694.00
Electronic Security System	System Integration	1	9,037.00	9,037.00
Electronic Security System	System Integration	1	9,684.00	9,684.00
Electronic Security System	System Integration	1	10,481.00	10,481.00
Electronic Security System	System Integration	1	28,014.00	28,014.00
Electronic Security System	System Integration	1	1,690.50	1,690.50
Electronic Security System	System Integration	1	1,472.00	1,472.00
Electronic Security System	Wire Guards	2	181.13	362.26
Electronic Security System	Wire Guards	2	181.13	362.26
Electronic Security System	Wire Guards	4	181.13	724.52
Electronic Security System	Wire Guards	2	181.13	362.26
Electronic Security System	Wire Guards	2	181.13	362.26
Electronic Security System	Wire Guards	4	181.13	724.52
Electronic Security System	Wire Guards	9	181.13	1,630.17
		<b>4,234</b>	<b>308,555.55</b>	<b>1,532,484</b>

6. If you have made an allocation for High-Tech Security Features, complete this table.

Enter each Sub-category Public Allocation based on the the expenditures listed in Table #5.

	Sub-Allocation
Capital-Intensive Security Project (Standard Review)	(No Response)
Electronic Security System	1,532,483.96
Entry Control System	(No Response)
Approved Door Hardening Project	(No Response)

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High-Tech Security Features

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	Sub-Allocation
Other Costs	(No Response)
<b>Totals:</b>	<b>1,532,483.96</b>

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Non-Public Schools

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

Please note: If this plan has been identified as a Remote Learning Plan to be submitted and reviewed on an expedited basis, the district should state that they will reach out to the nonpublic schools upon submission of the application, in lieu of responding to the question above.

We plan to purchase desktop computers, laptop computers and projectors to loan to the nonpublic schools within our district.

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

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

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

June 1, 2021

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	5,221	208	5,429.00	3.83

4. Nonpublic Loan Calculator

	Loanable School Connectivity	Loanable Classroom Technology	Additional Nonpublic Loan (Optional)	Estimated Per Pupil Amount - This Plan	Previously Approved Per Pupil Amount(s)	Cumulative Per Pupil Loan Amount	Final Per Pupil Loan Amount - This Plan	Final Total Loan Amount - This Plan
Required Nonpublic Loan	462,345.64	0.00		85.16	0.00	85.16	85.16	17,713.74
Final Adjusted Loan - (if additional loan funds)	462,345.64	0.00	(No Response)	85.16	0.00	85.16	85.16	17,713.74

5. Nonpublic Share

	Final Per Pupil Amount	Final Nonpublic Loan Amount
Pending and Previously Approved Plans	0.00	0.00
This Plan	85.16	17,713.74
Total	85.16	17,713.74

6. Distribution of Nonpublic Loan Amount by School

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Non-Public Schools

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Nonpublic School Name	2018-19 K-12 Enrollment	Special Ed School? If Yes, not eligible
AEF CHAPEL FIELD SCHOOL	236	No
MOSDOS SATMAR OF BLOOMINGBURG	349	No
OVER THE MOON - PINE BUSH		No
SHERI TORAH - BB		No

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

Select the allowable expenditure type. Repeat to add another item under each type.	Items to be purchased	Quantity	Cost Per Item	Total Cost
Desktop Computers	Desktop Computers	7	835.24	5,846.68
Laptop Computers	Laptop Computers	13	712.04	9,256.52
Other Costs	Projectors	6	435.09	2,610.54
		<b>26</b>	<b>1,982.37</b>	<b>17,714</b>