Smart Schools Investment Plan

SSIP Overview

Page Last Modified: 06/16/2016

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

   Gerald Dieg

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

   607-654-2740

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

   techdirector@cppmail.com

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

   First submission

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

   ☑ District Educational Technology Plan Submitted to SED and Approved

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

   ☑ Parents
   ☑ Teachers
   ☑ Students
   ☑ Community members

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

   ☑ Yes
   ☐ No
   ☐ N/A

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

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

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5a. **Please upload the proposed Smart Schools Investment Plan (SSIP) that was posted on the district's website. 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.**

web site posting.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.**

5,200

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

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

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

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

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

(No Response)

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

$3,812,892

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	1,519,000
Connectivity Projects for Communities	0
Classroom Technology	1,423,854
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	710,000
Totals:	3,652,854.00

Smart Schools Investment Plan

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 district currently has a 10 Gbps connection between all schools and between all data rooms within each building. Each data closet provides 1Gbps connections to all station outlets and wireless access points that provides access to the network for all students and staff.

   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	4,777	477,700	477.7	10000	10000	Already

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

   The district will be spending SSBA funds to improve bandwidth and wireless connectivity in all of its instructional buildings in two ways. First, the district will be installing additional fiber optic connections at each building to use in aggregation and for redundancy. The connections will be combined with the district's existing fiber connection to their Network Operations Center(NOC) to create additional bandwidth. These fibers will also be configured in a district wide ring so in the event of an electronics failure or a damaged cable outside the building, the network will continue to provide access to resources. The second way the money will be spent to improve school connectivity is additional wireless access points, controller and high availability licensing. The district currently uses two wireless controllers between all of the buildings and licenses are not redundant so the district plans to add a controller and create a high availability environment. This will result in less wireless connection issues and improved data throughput. Some additional wireless access points will be added to fill in any know areas with coverage deficiencies.

Smart Schools Investment Plan

School Connectivity

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4. **Briefly 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's instructional technology plan will provide students with dedicated access to computers through the 1:1 program, in addition to the variety of tools, cloud-based resources and information sources that that provides. The proposed projects will provide infrastructure that supports that goal, as well as tools to connect the students to each other, to their teacher, and allow them to share, discuss and collaborate on work. SmartBoards will enable teachers to provide students with hands on practice in various learning activities and enable them to work on three-dimensional models. They will help teachers FLIP classrooms by giving them a tool through which to practice, model and demonstrate learning tasks to all students at once, while providing students the same opportunities to share their learning with their peers. Projects will provide tools to encourage connections beyond the classroom with experts in various fields, museums and cultural institutes, and other students around the world. Students with disabilities will be able to practice content and technology skills with programs and hardware designed to meet their needs and enable them to make full use of technology and information resources.

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 existing wireless network in all of the district's instructional buildings was upgraded within the last 3 years and consists of Cisco wireless-N standard access points that are managed by two wireless controllers. Almost all classrooms in the High School, Middle School and all of the elementary schools have a wireless access point that can account for 40 to 50 students simultaneously. The district uses secure SSIDs to connect to the district's wireless network

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.**

Project Number
57-10-00-01-7-999-005

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
Jeffrey Robbins	35151

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.

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	Sub-Allocation
Network/Access Costs	150,600
Outside Plant Costs	217,600
School Internal Connections and Components	847,000
Professional Services	115,444
Testing	(No Response)
Other Upfront Costs	(No Response)
Other Costs	188,356
Totals:	1,519,000.00

10. **To the extent possible, please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category.**

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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
Network/Access Costs	Cisco AIR-AP3702I-x-K9: Dual-band, controller-based 802.11a/g/n/ac	40	1,050	42,000
Network/Access Costs	Wireless Access Point Cabling - Construction budget for one Category6 and one Category6a data cabes from the data closet patch panel to the wireless access point location. Estimate includes cabling, installation, terminations, testing and lebeling. This work will be competetivly bid after SSBA approval and SED Facilities approval.	40	600	24,000
Network/Access Costs	Category6 Data Cabling in the Elementary Schools - Construction budget for one Category6 data cabe from the data closet patch panel to wall outlet locations. Estimate includes cabling, installation, terminations, testing and lebeling. This work will be competetivly bid after SSBA approval and SED Facilities approval.	141	600	84,600
Outside Plant Costs	Additional Fiber Network Connection - Each School will receive one additional fiber optic connections via single mode fiber that will connect the school buildings to provide an additional 10Gbps of usable bandwidth to the students and faculty. Estimate includes cabling, installation, terminations, testing and lebeling. This work will be competetivly bid after SSBA approval and SED Facilities approval.	8	27,200	217,600
Connections/Components	Installation of displays and boards - Installation will include all audio/video cabling and labor to install the system. This is a construction estimate and will be competetivley bid after review by SED office of Faciliites Planning.	180	2,850	513,000
Connections/Components	Category6 Data Cabling for Projectors and Teacher Station - Construction budget for one Category6 data cabe from the data closet patch panel to wall outlet locations. Estimate includes cabling, installation, terminations, testing and lebeling. This work will be	360	600	216,000

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	competetivly bid after SSBA approval and SED Facilities approval.			
Connections/Components	HS & MS Innovation Center Audio/Video and Cat6 Data Cabling - This is a construction estimate and the work will be competetivly bid after SSBA approval and SED Facilities approval.	2	2,750	5,500
Connections/Components	Elementary Innovation Center Audio/Video and Cat6 Data Cabling - This is a construction estimate and the work will be competetivly bid after SSBA approval and SED Facilities approval.	6	2,750	16,500
Connections/Components	Innovation Centers - Estimated Installation Cost, this work will be competetivly bid after SSBA approval and SED Facilities approval.	8	12,000	96,000
Other Costs	Total Project Incidental costs - Includes Construction Administration costs, bidding costs, printing, inflation and contingencies.	1	188,356	188,356
Professional Services	Estimated Legal Fees	1	12,152	12,152
Professional Services	Design Fees	1	103,292	103,292

Smart Schools Investment Plan

Community Connectivity (Broadband and Wireless)

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1. **Briefly 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:	

7. **To the extent possible, 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)	(No Response)

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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 district currently has a 10 Gbps connection between all schools and between all data rooms within each building. Each data closet provides 1Gbps connections to all station outlets and wireless access points that provides access to the network for all students and staff.

   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	4,777	477,700	477.7	10000	10000	Already

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.

   The existing wireless network in all of the district's instructional buildings was upgraded within the last 3 years and consists of Cisco wireless-N standard access points that are managed by two wireless controllers. Almost all classrooms in the High School, Middle School and all of the elementary schools have a wireless access point that can account for 40 to 50 students simultaneously. The district uses secure SSIDs to connect to the district's wireless network. In the high school and middle school buildings, the district has wireless-N access points in all classrooms and instructional spaces as well as large common areas. These building have almost complete 100% coverage that can account for a large capacity of users. The elementary school has wireless access points in almost every classroom but has been designed to provide signal in all areas. As part of the investment plan, some wireless access points and a wireless controller appliance will be added to increase the capacity of the elementary school wireless networks.

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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.**

      The devices planned to be purchased with Smart Schools Bond Act funding include interactive boards/display upgrades in all of the elementary school classrooms and in specific rooms in the high school and middle school. This scope includes new short throw projectors and interactive boards that have all been tested and are confirmed to be compatible with our current software and platform.
      Also included in the plan is the creation of an innovation center in each building that will include several interactive displays, student devices, wireless and assistive listening equipment which have also been tested and confirmed to be compatible with our current environment . This space will be planned for flexibility and will support multiple curriculum. The innovation center will include laptops for each space that will be used exclusively in the innovation center area.
      The innovation centers will be located in the existing media centers where power is readily available however the SSBA scope will be supported by a separate capital project that will provide power in any needed locations including classrooms and labs.

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?"

      The proposed technology purchases:
      • Provide many opportunities for differentiation by enabling student technology use through the 1:1, opportunities for teachers and students to see individual and shared work through SmartBoards, enabling hands-on participation in differentiated activities including graphic organizers, self-checking questions and tactile tools
      • In the classroom, students and teachers will have access to a wide array of programs, tools and learning resources such as SmartNotebook and Read180, as well as the opportunity to make connections with other students, classes and professionals outside the classroom through streaming technologies. Various learning management platforms and cloud-based tools are available to students outside the classroom
      • Students with disabilities and ELL students who are included in the 1:1 program, and who have programs such as DragonSpeak and ZoomText to help develop skills. They benefit from the visual and tactile activities enabled through SmartBoards, and the freedom to explore and practice various technologies allowed through innovation centers.
      • Allow teachers to more closely monitor students, and even to interact with them and their work outside the classroom. Teachers will be aware more quickly which students need intervention, and will have more tools to help them. Students will become more in control of their learning, developing research and analytic skills along with core knowledge.

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

The innovation centers that are planned for each building will include distance learning equipment that will enhance learning capabilities through the GST BOCES network and beyond. Students will be able to share classes with other districts in the country and around the world.

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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."

Teachers will be offered professional development on a consistent basis in a variety of formats to support the technologies purchased through the proposed projects. Training will occur:
• In small groups, differentiated by various methods depending on training (grade level, content area, level of comfort, job assignment), in sessions designed to provide training on specific devices, programs or resources
• In large groups when needed for a consistent message, introduction to concepts applicable to all
• Individually whenever requested by training a "representative" to bring learning back to a grade level/content group or team
• "Focus Groups" of teachers, administrators and staff exploring specific programs or devices for particular curricular needs
Training will be provided by:
• BOCES technology specialists
• District personnel on instructional technology assignments, who will be available for small group trainings but also individual sessions
• District trainers pushing in to classrooms, modeling provision of instructional technology use and instruction to students that teachers can then replicate
In addition to face-to-face training, professional development will be available at all times through:
• District webpages dedicated to instructional technology tips, ideas
• Collection of district-designed technology tutorials in text and video for different programs, applications or instructional technology tasks
Teachers will be offered professional development on a consistent basis in a variety of formats to support the technologies purchased through the proposed projects. Trainings will occur in the course of a professional development program based on three models of professional development:
1 – The Workshop Model
1.   Teachers will be trained through:
1.   Workshops
2.   conference day trainings
3.   faculty and department meetings
4.   1-on-1 coaching
5.   small group facilitation
6.   hybrid trainings
7.   webinar and web-based trainings
2.   Teachers will be grouped through a variety of methods:
1.   Based on content/grade level
2.   Ability level as determined through self-assessment and outside assessment (BrightBytes survey)
3.   Based on interest in specific programs
3.   Potential Trainers will include:
1.   Interested classroom teachers
2.   Interested administrators
3.   District personnel on instructional technology assignments
4.   Interested support staff
5.   District instructional technology support specialists "pushing in" to classrooms
6.   Vendors and out-of-district professional trainers
7.   BOCES Instructional Technology Specialists
4.   Topics will include:
1.   Google Apps for Education in the Classroom
2.   Workshops on specific Web 2.0 Technologies including
1.   VoiceThread
2.   Glogster
3.   Jumprope

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4. PlanBook
5. Powtoons
6. Symbaloo
7. Adobe Acrobat Suite
8. Video Created
9. FLIPped Classrooms
10. Storyboard That
11. Typing Club
12. MobyMax
13. Noodle Tools
14. iXL
15. Reflex

2 – The Early Adapter Model

1. Teachers who show early interest in a program or technology will be able to apply to pilot the technology via this process:
1. Teachers will apply through district policy to pilot technologies
2. Their pilot will be approved and monitored by the District Technology Committee
3. Teachers will submit a proposal at the end of the pilot to adopt or not adopt the new technology
4. The Technology Committee will render a recommendation based on teachers' proposals
5. If the program is adopted, the early adapters become the point person for providing professional development, via the workshop model referenced above
2. Potential Early Adopters may include:
1. Interested classroom teachers
2. District personnel on instructional technology assignments
3. Interested support staff
4. District instructional technology support specialists "pushing in" to classrooms
3. Specific topics and pilots may include:
1. Assistive learning technologies
2. New Web 2.0 programs including:
1. Blendspace
2. Nearpod
3. New hardware (tablets, cameras, microphones)

3 – The Trainer of Trainers Model

1. When professional development needs are identified, teams of teachers will be assembled to become trainers
1. Potential Trainers will include
1. Interested classroom teachers
2. District personnel on instructional technology assignments
3. Interested support staff
4. District instructional technology support specialists "pushing in" to classrooms

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.

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

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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.**

All non-public schools within the district boundaries have been notified as to the allowable categories the district plans to spend it's money. In this meeting, the district made these schools aware of the money available to them and set the date on June 1st the year of the project's completion for them to submit their requests. The nonpublic schools will be required to submit annual requests for devices no later than June 1st of each year. As of the date of this submission, no requests have been made.

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	1,423,854	4,777	423	5,200	274	105,750

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.

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	Sub-Allocation
Interactive Whiteboards	1,060,000
Computer Servers	(No Response)
Desktop Computers	(No Response)
Laptop Computers	108,000
Tablet Computers	(No Response)
Other Costs	255,854
Totals:	1,423,854.00

15. **To the extent possible, please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category.**

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Select the allowable expenditure type. Repeat to add another item under each type.	Item to be Purchased	Quantity	Cost per Item	Total Cost
Interactive Whiteboards	65 Touch it Interactive Display	169	5,000	845,000
Interactive Whiteboards	Interactive Board Replacement - Replacement of the existing interactive board with a Smart Board SB685 with speaker system.	22	2,500	55,000
Laptop Computers	Dell Laptop	240	450	108,000
Other Costs	Epson Powerlight ProG6050W Projector	8	3,455	27,640
Other Costs	Chief Universal Ceiling Mount for Projector	8	200	1,600
Other Costs	Drapper Tab-Tensioned Motorized Projection Screen	8	4,150	33,200
Other Costs	Crestron DMS Audio/Video Presentation Selector	8	3,300	26,400
Interactive Whiteboards	65 Touch it Interactive Display	32	5,000	160,000
Other Costs	Mount for TouchIT Interactive Display	32	450	14,400
Other Costs	Frontrow Assistive Listening System	8	1,450	11,600
Other Costs	PC for Interactive Display at HS & MS	8	450	3,600
Other Costs	Logitech HD Web Cameras	32	150	4,800
Other Costs	Canon VIXIA HF R600 Full HD Camcorder	8	200	1,600
Other Costs	Blackmagic Design Intensity Shuttle	8	189	1,512
Other Costs	Magnus VT-300 Video Tripod with fluid head	8	80	640
Other Costs	Alesis MultiMix 4 USB FX 4-Channel Mixer	8	85	680
Other Costs	Audio-Technica ATW-1101/L System10 Digital Wireless Mic Set	16	700	11,200
Other Costs	Audio-Technica AT8314 Premium Microphone Cable - 6'	16	32	512
Other Costs	Westcott 130 Digital Background (9x10', Chroma Green)	8	140	1,120
Other Costs	PC for Interactive Display at Elementary Schools	24	400	9,600
Other Costs	Nonpublic Expenditures - Devices not yet determined.	1	105,750	105,750

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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.**

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:	

6. **To the extent possible, 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)	(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.**

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:	

5. **To the extent possible, 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)	(No Response)

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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 SSBA funds will be used to enhance security at all of the district's elementary schools. The funds will be used for additional IP high megapixel security cameras mostly on the exterior of the buildings but also interior cameras focusing on all entrance to the buildings. The cameras will be an extension of the district's existing Digital Video Management Software and recording servers. The funds will also be used for devices like intercoms, card readers and access control panels at secured entrances being build in a separate capital 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.**

Project Number
57-10-00-01-7-999-005

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
Jeffrey Robbins	35151

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)	710,000
Electronic Security System	(No Response)
Entry Control System	0
Approved Door Hardening Project	(No Response)
Other Costs	(No Response)
Totals:	710,000.00

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

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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
Capital-Intensive Security Project	Digital Video Management Server - Additional server storage required to add additional cameras to each school. Each server will be 18TB and support approximatly 30 additional cameras at each elementary school.	6	8,750	52,500
Capital-Intensive Security Project	Axis 5 MP IP Security Cameras	123	2,600	319,800
Capital-Intensive Security Project	Cabling for Cameras - Category6 Data Cabling, Construction budget for one Category6 data cabe from the data closet patch panel to wall outlet locations. Estimate includes cabling, installation, terminations, testing and lebeling. This work will be competetivly bid after SSBA approval and SED Facilities approval.	123	600	73,800
Capital-Intensive Security Project	Andover Comtimuum 8-Door Access Control Panel	4	8,200	32,800
Capital-Intensive Security Project	HID Thinline II 125K Proximity Card Reader	12	425	5,100
Capital-Intensive Security Project	2N Helios IP Force Video Intercom	12	1,250	15,000
Capital-Intensive Security Project	Bosch Request to Exit Motion Sensor	12	310	3,720
Capital-Intensive Security Project	Door Contact Postion Switch, Recessed	48	250	12,000
Capital-Intensive Security Project	Remote door release switch	12	320	3,840
Capital-Intensive Security Project	Cisco 9971 Video Phone to interfaces with intercom	12	350	4,200
Capital-Intensive Security Project	Installation of Access Control Systems	6	3,210	19,260
Capital-Intensive Security Project	Total Project Incidental costs - Includes Construction Administration costs, legal fees, design fees, bidding costs, printing, inflation and contingencies.	1	142,780	142,780
Capital-Intensive Security Project	Installation of Camera Systems	6	4,200	25,200