

Smart Schools Investment Plan - 07-28-16

SSIP Overview

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Group 1

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

Daniel Bowman

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

585-396-3773

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

bowmand@canandaiguaschools.org

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

First submission

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

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

 District Educational Technology Plan Submitted to SED and Approved

4. Pursuant to the requirements of the Smart Schools Bond Act, the planning process must include consultation with parents, teachers, students, community members, other stakeholders and any nonpublic schools located in the district.

By checking the boxes below, you are certifying that you have engaged with those required stakeholders. Each box must be checked prior to submitting your Smart Schools Investment Plan.

- Parents
 Teachers
 Students
 Community members

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

- Yes
 No
 N/A

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

- The district developed and the school board approved a preliminary Smart Schools Investment Plan.
 The preliminary plan was posted on the district website for at least 30 days. The district included an address to which any written comments on the plan should be sent.
 The school board conducted a hearing that enabled stakeholders to respond to the preliminary plan. This hearing may have 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.

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- 5a. Please upload the proposed Smart Schools Investment Plan (SSIP) that was posted on the district's website, along with any supporting materials. Note that this should be different than your recently submitted Educational Technology Survey. The Final SSIP, as approved by the School Board, should also be posted on the website and remain there during the course of the projects contained therein.

Final Proposed Smart School Investment Plan.pdf
 investement plan presentation - final.pdf
 Revised Smart School Investment Plan.pdf
 Revised Investement Plan Presentation.pdf

- 5b. Enter the webpage address where the final Smart Schools Investment Plan is posted. The Plan should remain posted for the life of the included projects.

<http://www.canandaiguaschools.org/district.cfm?subpage=34869>

- 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.

3,860

- 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:

\$2,256,756

- 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.

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	Sub-Allocations
School Connectivity	0
Connectivity Projects for Communities	0
Classroom Technology	2,055,645
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	0
Totals:	2,055,645

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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.

(No Response)

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

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

2. Connectivity Speed Calculator (Required)

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

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

(No Response)

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

(No Response)

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- 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.

(No Response)

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

Project Number
(No Response)

- 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 Response)

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

Name	License Number
(No Response)	(No Response)

- 9. If you are submitting an allocation for School Connectivity complete this table. Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

	Sub- Allocation
Network/Access Costs	(No Response)
Outside Plant Costs	(No Response)
School Internal Connections and Components	(No Response)
Professional Services	(No Response)
Testing	(No Response)
Other Upfront Costs	(No Response)
Other Costs	(No Response)
Totals:	0

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

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

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Community Connectivity (Broadband and Wireless)

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

The district has no plans to use any of the Smart Schools Bond Act Funds for high-speed broadband/or wireless connectivity projects in the community at this time.

- 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)

- 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.

- Please describe the physical location of the proposed investment.**

(No Response)

- 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)

- If you are submitting an allocation for Community Connectivity, complete this table. Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.**

	Sub-Allocation
Network/Access Costs	(No Response)
Outside Plant Costs	(No Response)
Tower Costs	(No Response)
Customer Premises Equipment	(No Response)
Professional Services	(No Response)
Testing	(No Response)
Other Upfront Costs	(No Response)
Other Costs	(No Response)
Totals:	0

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

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Community Connectivity (Broadband and Wireless)

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

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Classroom Learning Technology

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Questions

1. In order for students and faculty to receive the maximum benefit from the technology made available under the Smart Schools Bond Act, their school buildings must possess sufficient connectivity infrastructure to ensure that devices can be used during the school day. Smart Schools Investment Plans must demonstrate that sufficient infrastructure that meets the Federal Communications Commission’s 100 Mbps per 1,000 students standard currently exists in the buildings where new devices will be deployed, or is a planned use of a portion of Smart Schools Bond Act funds, or is under development through another funding source. Smart Schools Bond Act funds used for technology infrastructure or classroom technology investments must increase the number of school buildings that meet or exceed the minimum speed standard of 100 Mbps per 1,000 students and staff within 12 months. This standard may be met on either a contracted 24/7 firm service or a "burstable" capability. If the standard is met under the burstable criteria, it must be:

1. Specifically codified in a service contract with a provider, and
2. Guaranteed to be available to all students and devices as needed, particularly during periods of high demand, such as computer-based testing (CBT) periods.

Please describe how your district already meets or is planning to meet this standard within 12 months of plan submission.

The district currently exceeds the Federal Communications Commission minimum Internet speed standard of 100 Mbps per 1,000 students with 400 Mbps for a student population of about 3550.

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	3,550	355,000	355	400	(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.

Every classroom and instructional space has both wired and WiFi network access compatible with the devices included in this plan with one exception of four classrooms in our Canandaigua Academic & Career Center which lack WiFi access points. The district plans to add these classrooms to our existing wireless infrastructure in August of 2016 using the district IT budget. Listed below are the current speeds of the district infrastructure.

- Bandwidth between buildings – 20 Gb
- Inter-Building Bandwidth – 10 Gb
- Bandwidth to workstations – 1Gb
- WIFI standard implemented is 802.11n

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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.

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

Listed below are the items to be purchased with Smart Schools funding along with the intended use, location and compatibility with existing systems.

5 Interactive whiteboards

- 3 of these boards will be used at St. Mary's nonpublic school. They will be using these boards with existing windows PC's capable of running the included Smart Notebook software. They will be hiring a contractor to install these boards with the aid of 3 of the HDMI cables and 3 of the LCD Wall Mounts included in this Smart Schools Plan in a location with preexisting power receptacles.
- 2 of these boards will be used at Calvary Chapel Academy nonpublic school. They will be using these boards with existing windows PC's capable of running the included Smart Notebook software. They will be hiring a contractor to install these boards. One will be wall mounted with the aid of 1 of the HDMI cables and 1 of the LCD Wall Mounts included in this Smart Schools Plan in a location with preexisting a power receptacle. The other Smartboard will be mounted on the Mobile Smartboard Cart so that it can be used in a variety of locations with one of the HDMI cables within the school utilizing compatible existing Windows PC's and existing power receptacles at these locations.

Laptop Computers

- Canandaigua City Schools will be purchasing 3043 Chromebooks to fulfill a multi year rollout plan to give staff and students access to a computing device for our personalized learning initiative. We currently utilize Chromebooks in our environment and they are fully compatible with our existing wireless and network environment. We do have many power receptacles in each classroom fully capable of charging these devices although our personalized learning initiative plans for most students bringing their Chromebooks into school from home fully charged everyday which will cut down dramatically for the need for electrical outlets at school for charging. The battery life in these devices is rated for about 10 hours which is longer than the school day.
- 73 Chromebooks will be used at St. Mary's nonpublic school. They currently utilize Chromebooks in their environment and they are fully compatible with their existing wireless and network environment. They have many power receptacles in each classroom fully capable of charging these devices. They will be purchasing a charging cart with their own funding to provide a place to store and charge these devices when not in use.

Belkin Air-Protect Chromebook Case

- 3043 Chromebook cases have been included to provide physical protection for each Chromebook ordered. These cases are designed to be always attached to the device even while in use.

Tablet Computers

- Canandaigua City Schools will be purchasing 788 iPads without Applecare to fulfill a multi year rollout plan to give staff and younger students access to a computing device for our personalized learning initiative. We currently utilize iPads in our environment and they are fully compatible with our existing wireless and network environment. We do have many power receptacles in each classroom fully capable of charging these devices. 80 30 slot charging carts are included in this Smart Schools plan to provide a place in each classroom to store and charge these devices when not in use. The battery life in these devices is rated for about 10 hours which is longer than the school day.

iPad Protective Case

- 788 iPad cases have been included to provide physical protection for each iPad ordered. These cases are designed to be always attached to the device even while in use.

30 Slot Chromebook Charging Carts

- 80, 30 slot charging carts are included in this Smart Schools plan to provide a place in each classroom where student devices will not be brought home each night. They will be used to store and charge devices when not in use. This cart was chosen for flexibility in order to be used for either Chromebooks or iPads.

iPad charging rack similar to the Belkin tablet store and charge

- 3 charging racks are included in this Smart Schools plan to provide a place in each library and support desk where student devices can be charged. They will be used to store and charge devices when not in use.

Audio Enhancement Sentinel XD System Pal - 4 Ceiling Speakers (KIT) with installation

- 187 Classroom audio enhancement systems are being installed in each classroom with no existing in ceiling speakers. All of these locations have been identified and have the existing power outlets necessary for this installation. This system includes all of the necessary equipment for installation including wireless receiver/amplifier, wireless microphones, cables, and ceiling mounted speakers.

Audio Enhancement Sentinel XD System Pal - No speakers or Speaker wires with installation

- 58 Classroom audio enhancement systems are being installed in each classroom with existing compatible ceiling mounted speakers. All of these locations have been identified and have the existing power outlets necessary for this installation. This system includes all of the necessary equipment for installation including wireless receiver/amplifier, wireless microphones, cables, and ceiling mounted speakers.

25 foot HDMI cable (non public)

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- 3 of the HDMI cables will be used to connect the Interactive Smart board to existing compatible Windows PC's at the St. Mary's nonpublic school.
- 2 of the HDMI cables will be used to connect the Interactive Smart board to existing compatible Windows PC's at the Calvary Chapel Academy nonpublic school.

LCD Wall Mount similar to the Peerless tilt mount 39-80 inch

- 3 of these mounts will be used at St. Mary's nonpublic school. They will be hiring a contractor to install these mounts for the SMARTboards included in this Smart Schools Plan in a location with preexisting power receptacles. These mounts have been verified to be compatible with the specified SMARTBoard model.
- 1 of these mounts will be used at Calvary Chapel Academy nonpublic school. They will be hiring a contractor to install these mounts for the SMARTboards included in this Smart Schools Plan in a location with preexisting power receptacles. These mounts have been verified to be compatible with the specified SMARTBoard model.

LCD Mobile cart similar to the Chief universal mobile plasma cart

- This cart will be used at Calvary Chapel Academy nonpublic school. They will be installing one of the Smartboards included in this plan on the Mobile Smartboard Cart so that it can be used in a variety of locations. This cart is compatible with the SMARTboard model chosen.

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 district has worked hard to use technology tools and resources to transform our teaching and learning environments. The district believes that technology included in this plan can be a powerful vehicle to actively engage all students in learning. Using technology tools and resources such as Chromebooks / iPads utilizing Google Apps and Schoology "learning management system", teachers are able to personalize learning, differentiating both the content and the pedagogical approaches depending on the needs of students. Teachers can extend learning beyond the hours of the day and the confines of the classroom. They can also create authentic learning experiences and connect students to resources that will greatly enhance their learning. These resources can include content, study tools, collaborative tools, tools for assessment, and also connections to experts in the field, as well as to teachers and other students. Technology can help transform learning largely from the inclusion of 21st century life and career skills including digital creation and innovation, group collaboration, effective navigation of information and media, and digital citizenship skills. Technology is a beneficial tool for Students with Disabilities and English as a New Language students. Integration of technology allows them to participate, interact and work independently using a wide range of assistive tools and devices. The district's Special Education Department works directly with the District Technology Director to insure that assistive technologies are available for all students who require their use, and both departments collaborate to make sure that the technology requirements of each student's IEP are met.

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

The students will now have daily access to a device at home for a variety of opportunities that many have not had in the past. Some of these opportunities include access to their grades, feedback, classroom assignments, notes, calendars and discussion groups through a variety of online tools the district supports such as Google apps, the student portal and Schoology. The students will be able to use these devices to engage with their parents in these experiences first hand at home. Teachers are encouraged to use tools that can be used at home to share information and assignments with students and their parents. The district will now have the devices available to make distance learning opportunities and other virtual experiences such as virtual field trips a reality.

This change in the learning culture provides a good opportunity to promote an awareness of the educational mission of the District to the parents and community. The District will maintain good communication with parents and the community on the progress of this initiative through many updates to the local news media, social media, mailings, and the district web site. The District Technology Committee will coordinate technology events for parents to make them aware of the technology resources in the schools, and show them what resources are available for students and parents to use at home. These events will also be used to provide instruction on digital citizenship.

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."

On-going professional development is a critical component of the district's Instructional Technology Plan. The district provides a wide range of professional development each year for our teachers, teaching assistants, administrators, and other staff. Some of these training topics include; interactive white boards and smart notebook, Google Apps for Education, Schoology, Microsoft products, tablets, and Chromebooks. There are short weekly sessions in each building along with longer sessions offered after school and on Superintendent Conference days throughout the year addressing district supported applications that can be integrated into curriculum and instruction. The district strongly believes that the instructional and leadership staff, along with the technical support staff need higher-level professional development in order to continue in their roles. There is currently one-and-a-half staff members dedicated to instructional technology integration across the district. The district is committed and will continue to provide professional development on an on-going basis to the staff to allow them to utilize the technology tools and resources in the most effective manner possible. Additional technology personnel will be needed to support the integration of the new initiatives supported by the Smart Schools Bond. These positions will be included in the district's operating budget.

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

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

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

SUNY at Geneseo

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

585-245-5000

- 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.**

Anjoo Sikka

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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.

The Canandaigua Smart Schools Investment Plan includes the purchase of technology hardware designated to be loaned to nonpublic schools within the district boundaries.

The district has consulted with the administration of the St. Mary’s School in Canandaigua, New York and the Calvary Chapel Academy in Farmington, New York to develop a plan for the loan of classroom technology purchased by the district with Smart Schools Bond Act funding. Similar to the Computer Hardware Loan Program, the lending school district would retain ownership of the devices and responsibility for maintenance and repair.

St. Mary’s has requested the following items to be loaned to their students.

Expenditure Type	Item to be purchased	Quantity	Cost per Item	Total Cost
Chromebooks	Dell Chromebook 11 – Touch Enabled	73	\$320	\$23,360
SMART board	65” SMART interactive flat panel display with wall mount and cables	3	\$4,200	\$12,600
HDMI Cable	MonoPrice 20ft HDMI Cable	3	\$25	\$75
LCD Wall Mount	PEERLESS TILT MOUNT 39-80" TAA	3	\$84	\$252
				\$36,287

Calvary Chapel Academy has requested the following items to be loaned to their students.

Expenditure Type	Item to be purchased	Quantity	Cost per Item	Total Cost
SMART board	65” SMART interactive flat panel display	2	\$4,200	\$8,400
Mobile SMART board Cart	CHIEF UNIVERSAL MOBILE PLASMA CART	1	\$550	\$550
LCD Wall Mount	PEERLESS TILT MOUNT 39-80" TAA	1	\$84	\$84
HDMI Cable	MonoPrice 20ft HDMI Cable	2	\$25	\$50
				\$9,084

St. Mary’s School reported to the NYS Education department an enrollment of 146 students and Calvary Chapel Academy 40 in grades K-12 for the 2014-15 school year. The Smart Schools Bond Act guidance document states that classroom technology in an aggregate amount no greater than two hundred and fifty dollars (\$250) multiplied by the nonpublic school enrollment in the base year at the time of enactment can be loaned to the non-public school. St Mary’s is entitled a maximum value of \$36,500 and Calvary Chapel \$10,000 in loaned equipment purchased with the Smart Schools Bond funds using this formula.

Submissions of requests from the nonpublic schools must be submitted to the district by June 1 of the school year prior to the actual loan request. These requests must include information on specific devices being purchased. There is a unallocated balance of \$1,129 these non-public schools are

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allowed. The spending of these unallocated funds will be determined within a future addendum to this smart schools plan.

- 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	2,055,645	3,554	186	3,740	250	46,500

- 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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Classroom Learning Technology

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	Sub-Allocation
Interactive Whiteboards	21,000
Computer Servers	0
Desktop Computers	0
Laptop Computers	997,120
Tablet Computers	299,440
Other Costs	738,085
Totals:	2,055,645

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

Please specify in the "Item to be Purchased" field which specific expenditures and items are planned to meet the district's nonpublic loan requirement, if applicable.

NOTE: Wireless Access Points that will be loaned/purchased for nonpublic schools should **ONLY** be included in this category, not under School Connectivity, where public school districts would list them.

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

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Classroom Learning Technology

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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 inch Interactive Smartboard (non public)	5	4,200	21,000
Laptop Computers	11 inch touch screen Chromebook	3,043	320	973,760
Laptop Computers	11 inch touch screen Chromebook (non public)	73	320	23,360
Tablet Computers	Apple iPad Air 2	788	380	299,440
Other Costs	Belkin Air-Protect 11 inch Chromebook case	3,043	25	76,075
Other Costs	30 slot Chromebook charging cart	80	2,250	180,000
Other Costs	Protective case for the Apple iPad Air 2 similar to the Gumdrop hideaway	788	60	47,280
Other Costs	iPad charging rack similar to the Belkin tablet store and charge	3	200	600
Other Costs	Audio Enhancement Sentinal XD System Pal - 4 Ceiling Speakers (KIT) with installation	187	1,910	357,170
Other Costs	Audio Enhancement Sentinal XD System Pal - No speakers or Speaker wires with installation	58	1,290	74,820
Other Costs	25 foot HDMI cable (non public)	5	25	125
Other Costs	LCD Wall Mount similar to the Peerless tilt mount 39-80 inch (non public)	4	84	336
Other Costs	LCD Mobile cart similar to the Chief universal mobile plasma cart	1	550	550
Other Costs	Nonpublic Undetermined Expenditures	1	1,129	1,129

Smart Schools Investment Plan - 07-28-16

Pre-Kindergarten Classrooms

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Group 1

1. Provide information regarding how and where the district is currently serving pre-kindergarten students and justify the need for additional space with enrollment projections over 3 years.

(No Response)

2. Describe the district's plan to construct, enhance or modernize education facilities to accommodate pre-kindergarten programs. Such plans must include:

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

(No Response)

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

(No Response)

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

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

Project Number
(No Response)

5. If you have made an allocation for Pre-Kindergarten Classrooms, complete this table. Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

	Sub-Allocation
Construct Pre-K Classrooms	(No Response)
Enhance/Modernize Educational Facilities	(No Response)
Other Costs	(No Response)
Totals:	0

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

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Pre-Kindergarten Classrooms

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

Smart Schools Investment Plan - 07-28-16

Replace Transportable Classrooms

Page Last Modified: 07/28/2016

Group 1

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

(No Response)

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

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

Project Number
(No Response)

3. For large projects that seek to blend Smart Schools Bond Act dollars with other funds, please note that Smart Schools Bond Act funds can be allocated on a pro rata basis depending on the number of new classrooms built that directly replace transportable classroom units.

If a district seeks to blend Smart Schools Bond Act dollars with other funds describe below what other funds are being used and what portion of the money will be Smart Schools Bond Act funds.

(No Response)

4. If you have made an allocation for Replace Transportable Classrooms, complete this table. Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

	Sub-Allocation
Construct New Instructional Space	(No Response)
Enhance/Modernize Existing Instructional Space	(No Response)
Other Costs	(No Response)
Totals:	0

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

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

Smart Schools Investment Plan - 07-28-16

High-Tech Security Features

Page Last Modified: 05/02/2017

Group 1

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

(No Response)

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

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

Project Number
(No Response)

3. 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
(No Response)	(No Response)

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

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

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

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

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High-Tech Security Features

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Report

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