Smart Schools Investment Plan - Potsdam-SSBA-Investment-1

SSIP Overview

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Group 1

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

Mark Bennett

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

315-265-2000 x.513

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

mbennett@potsdam.k12.ny.us

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

First submission

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

☑ District Educational Technology Plan Submitted to SED and Approved

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

☑ Parents
☑ Teachers
☑ Students
☑ Community members

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

☐ Yes
☐ No
☑ N/A

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

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

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

PreliminarySmartSchoolsBondActInvestmentPlan-2232016.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.potsdam.k12.ny.us/home/district-technology

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

1,550

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

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

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

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

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

(No Response)

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

$1,315,137

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	470,106
Connectivity Projects for Communities	0
Classroom Technology	613,000
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	0
Totals:	**1,083,106**

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Group 1

1. In order for students and faculty to receive the maximum benefit from the technology made available under the Smart Schools Bond Act, their school buildings must possess sufficient connectivity infrastructure to ensure that devices can be used during the school day. Smart Schools Investment Plans must demonstrate that:

- **sufficient infrastructure that meets the Federal Communications Commission's 100 Mbps per 1,000 students standard currently exists in the buildings where new devices will be deployed, or**
- **is a planned use of a portion of Smart Schools Bond Act funds, or**
- **is under development through another funding source.**

Smart Schools Bond Act funds used for technology infrastructure or classroom technology investments must increase the number of school buildings that meet or exceed the minimum speed standard of 100 Mbps per 1,000 students and staff within 12 months. This standard may be met on either a contracted 24/7 firm service or a "burstable" capability. If the standard is met under the burstable criteria, it must be:

1. Specifically codified in a service contract with a provider, and

2. Guaranteed to be available to all students and devices as needed, particularly during periods of high demand, such as computer-based testing (CBT) periods.

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

All school buildings within the Potsdam Central School District have fiber connections and the total contracted Internet access bandwidth for the district is currently 160 Mbps. This bandwidth exceeds the minimum speed standard given our student population.
Although the current infrastructure supports this speed, Potsdam Central Schools plans to augment its network infrastructure to accommodate approximately 1,500 more devices. This will be done by replacing the current wireless controller, adding a redundant controller, replacing and adding switches, and adding wireless access points. This will result in a network which supports a 1:1 computing environment.

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

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

2. Connectivity Speed Calculator (Required)

	Number of Students	Multiply by 100 Kbps	Divide by 1000 to Convert to Required Speed in Mb	Current Speed in Mb	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	1,400	140,000	140	160	160	Currently Met

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

Potsdam Central Schools will utilize SSBA fund to upgrade our current wireless network to accommodate an additional 1,500 devices and ensure that all instructional spaces have adequate and reliable access to support a media-rich 1:1 computing environment. This will require a new wireless controller, backup wireless controller, addition of and replacement of switches, and additional wireless access points.

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

Potsdam Central Schools plans to continue developing enhanced educational opportunities that prepare our students for college and careers. Students need to gather, comprehend, evaluate, synthesize, and report on information and ideas, to conduct original research in order to answer questions or solve problems, and to analyze and create a high volume and extensive range of print and non-print texts in media forms old and new. They need to conduct research and to produce and consume media as it is embedded into every aspect of today's curriculum.
We want our students to demonstrate independence. They will be able to comprehend and evaluate texts across a range of types and disciplines, and they will construct effective arguments and convey intricate or multifaceted information. Students will be able to independently discern a speaker's key points, request clarification, and ask relevant questions. They will be able to build on others' ideas, articulate their own, and use a wide-ranging vocabulary.
We expect our students to become self-directed learners and employ technology thoughtfully to enhance their reading, writing, speaking, listening, and language use. They will tailor their searches online to acquire useful information efficiently, and they will integrate what they learn using technology with what they learn offline. They will evaluate the strengths and limitations of various technological tools/media and utilize those best suited to their communication goals.
Developing and sustaining a 1:1 computer environment and providing instructional technology that allows our teachers and students to take advantage of all available resources and instructional strategies is essential to the mission of our school. We want to provide our students with the tools necessary to become active and engaged digital citizens and leaders who possess problem-solving strategies and critical-thinking skills in an ever-changing world.

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.

At the current time, we have approximately 1,500 wired and wireless devices which access our network and the Internet on a daily basis. Additionally, our guest network supports an additional 350-400 (BYOD) devices. Given the proposed network infrastructure upgrades described above (Question #3), Potsdam Central Schools will have a robust Wi-Fi network in place that has sufficient bandwidth and access to meet user demand and allow for a 1:1 computing program in a media-rich environment. This will entail adding 1,500 hundred wireless devices to the network for student(1,300) and staff use (200). The district will also explore increasing the bandwidth of the guest network to support more personal devices before, during, and after school hours.

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
51-29-02-06-7-999-BA1

7. Certain high-tech security and connectivity infrastructure projects may be eligible for an expedited review process as determined by the Office of Facilities Planning.

Was your project deemed eligible for streamlined review?

Yes

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7a. Districts that choose the Streamlined Review Process will be required to certify that they have reviewed all installations with their licensed architect or engineer of record and provide that person's name and license number. The licensed professional must review the products and proposed method of installation prior to implementation and review the work during and after completion in order to affirm that the work was code-compliant, if requested.

☑ I certify that I have reviewed all installations with a licensed architect or engineer of record.

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

Name	License Number
Matthew S. Monaghan	29199

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	332,981
Outside Plant Costs	0
School Internal Connections and Components	113,206
Professional Services	23,919
Testing	0
Other Upfront Costs	0
Other Costs	0
Totals:	**470,106**

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.

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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 5520 Wireless Controller w/rack mounting kit	2	10,260	20,520
Network/Access Costs	770W AC Hot-plug power supply for 5520 controller	2	359	719
Connections/Components	10GBASE-CU SFP	4	51	205
Connections/Components	1000BASE-T SFP	4	203	811
Network/Access Costs	Cisco ONE Foundation Perpetual-Wireless Licenses. Only AP licenses are being purchased.	149	180	26,753
Network/Access Costs	C220M4S Std1w/2xE52630v3, 4x16GB, VIC1227	2	5,528	11,056
Network/Access Costs	300GB 6GB SAS 15K PRM SFF HDD/hot plug/drive sled mounted	8	624	4,990
Network/Access Costs	802.11ac CAP w/Clean Air; 3x4;3SS; Int Ant; A Reg Domain	135	562	75,835
Network/Access Costs	802.11ac CAP w/Clean Air; 3x4;3SS; Ext Ant; A Reg Domain	18	613	11,035
Network/Access Costs	2.4 GHz 2 dBi/5 GHz 4 dBi Dipole Ant	72	20	1,441
Connections/Components	Ethernet cables for APs	409	3	1,227
Network/Access Costs	Catalyst 4500-X 24 Port 10G Ent. Services, Frt-to-Bk, No P/S	3	12,312	36,936
Network/Access Costs	Catalyst 4500X 750W AC front to back cooling power supply	3	1,026	3,078
Network/Access Costs	Catalyst 4500X 750W AC front to back colling 2nd PWR supply	3	1,026	3,078
Connections/Components	10BASE-LR SFP Module	4	2,050	8,200
Connections/Components	10BASE-LRM SFP Module	41	511	20,928
Connections/Components	100BASE-T SFP	7	203	1,418
Network/Access Costs	Catalyst 2960-X 48 GigE PoE 740W, 2x10G SFP	28	4,102	114,840
Network/Access Costs	Catalyst 2960-X FlexStack Plus Stacking Module	27	613	16,552
Connections/Components	Cisco FlexStack 1m stacking cable	7	51	359
Connections/Components	10GBASE-CU SFP + Cable 1 meter	6	51	308
Connections/Components	10GBASE-CU SFP + Cable 5 meter	7	77	539
Connections/Components	10GBASE-CU SFP + Cable 3 meter	6	51	308

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School Connectivity

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Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Connections/Components	10BASE-LR SFP Module, Enterprise-Class	4	975	3,900
Network/Access Costs	Cisco Catalyst 2960-CX 8 Port PoE, LAN Base	2	690	1,380
Connections/Components	1000BASE-LX/LH SFP transceiver module, MMF/SMP, 1310nm, DOM	1	510	510
Connections/Components	3M Fiber Patchcord LCd to Sc (62.5 micron MMF)	40	20	800
Connections/Components	Cat 6 Patch Cables for new switches-1 FT	600	2	924
Connections/Components	Cat 6 Patch Cables for new switches-5 FT	300	3	900
Network/Access Costs	ASA 5525-X with FirePower Services, 8GE, AC, 3DES/AES, SSD	1	4,768	4,768
Connections/Components	Installation and Configuration of a new Wireless LAN infrastructure	1	28,873	28,873
Connections/Components	Installation and Configuration of Authentication/Network Management Servers	1	26,898	26,898
Connections/Components	Installation and Configuration of new Routing and LAN Switching equipment	1	14,706	14,706
Connections/Components	Installation and Configuration of Network Security Appliance	1	1,392	1,392
Professional Services	Project Management	1	23,919	23,919

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Group 1

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

(No Response)

2. Please describe how the proposed project(s) will promote student achievement and increase student and/or staff access to the Internet in a manner that enhances student learning and/or instruction outside of the school day and/or school building.

(No Response)

3. Community connectivity projects must comply with all the necessary local building codes and regulations (building and related permits are not required prior to plan submission).

☐ I certify that we will comply with all the necessary local building codes and regulations.

4. Please describe the physical location of the proposed investment.

(No Response)

5. Please provide the initial list of partners participating in the Community Connectivity Broadband Project, along with their Federal Tax Identification (Employer Identification) number.

Project Partners	Federal ID #
(No Response)	(No Response)

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

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

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

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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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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.

All school buildings within the Potsdam Central School District have fiber connections and the total contracted Internet access bandwidth for the district is currently 160 Mbps. This bandwidth exceeds the minimum speed standard given our student population.
Although the current infrastructure supports this speed, Potsdam Central Schools plans to augment its network infrastructure to accommodate approximately 1,500 more devices. This will be done by replacing the current wireless controller, adding a redundant controller, replacing and adding switches, and adding wireless access points. This will result in a network which supports a 1:1 computing environment.

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

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

2. Connectivity Speed Calculator (Required)

	Number of Students	Multiply by 100 Kbps	Divide by 1000 to Convert to Required Speed in Mb	Current Speed in Mb	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	1,400	140,000	140	160	160	Currently Met

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

At the current time, we have approximately 1,500 wired and wireless devices which access our network and the Internet on a daily basis. Additionally, our guest network supports an additional 350-400 (BYOD) devices. Given the proposed network infrastructure upgrades described above (Question #1), Potsdam Central Schools will have a robust Wi-Fi network in place that has sufficient bandwidth and access to meet user demand and allow for a 1:1 computing program in a media-rich environment. This will entail adding 1,500 hundred wireless devices to the network for student(1,300) and staff use (200). The district will also explore increasing the bandwidth of the guest network to support more personal devices before, during, and after school hours.

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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.

Our district intends to purchase laptop computes (Chromebooks), Andriod OS and Apple OS tablet computers, Windows OS Desktops, and interactive whiteboads/panels for instructional use. All of the above devices are compatible with the district's platforms and systems. Our facility's electrical, HVAC, and other infrastructure are adequate to install and support the operation of the additonal technology.

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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 will:

- enhance differentiated instruction and contribute to the reduction of learning gaps as teachers will have a variety of instructional and learning tools and resources that will facilitate multiple instructional strategies and attend to student learning styles. Teachers will have the means and instruments to carry out individualized and self-paced instruction, targeted practice and reinforcement activities, and immediate assessments in whole group, collaborative, and independent settings. Chromebooks, tablet computers, and interactive boards will serve as the central tools in promoting student learning and engagement. The integration of individual devices will help to facilitate critical thinking, problem-solving, decision-making, creativity, innovation, collaboration and communication.
- expand student learning inside and outside of the classroom by providing students and teachers with continual access to digital resources and productivity tools such as Google Apps for Education. The content developed in this environment is accessible anywhere students have access to the Internet including, but not limited to their homes, smart phones, libraries, and local businesses. These purchases will also allow our school to effectively and efficiently integrate blended instructional models, facilitate in-person and virtual collaboration, and utilize learning management systems such as Moodle and Google Classroom. Overall, the fusion of these devices into daily instruction will help students acquire, analyze, synthesize, and evaluate information, and reflect on the metacognitive process while doing so.
- benefit students with disabilities. At Potsdam Central Schools, all students with disabilities are provided with the assistive technology recommended in their IEPs to ensure access to and participation in the general curriculum. Providing students with a personal device, such as a tablet or Chromebook, will help our district to more seamlessly integrate the use of assistive technology tools such as speech-to-text and text-to-speech applications, the ability to enlarge print, simplify web pages, word prediction support, and access to word processing. These tools will provide our students with the ability to fully participate in classroom learning activities.
- benefit English Language Learners. Providing students with a personal device, such as a table or Chromebook, will allow students and teachers to have immediate access to powerful instructional and learning tools that will faciliate language acquisition, fluency, and the individualization of instruction. Instructional videos, digital audio libraries, and applications can be used as instructional tools and student supports; ELLs will be able to make use of Google Apps for Education (GAFE) and Chrome extensions (Google Translate, Google Dictionary, Vocabula, Duolingo, etc.). These tools will help our students increase their vocabulary, diversify their lexicon, and assist in writing and reading comprehension.

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

The proposed technology purchases will help to foster a more engaging and dynamic instructional setting and facilitate regional partnerships. Teachers and students will have the tools available to strengthen communication in and out the classroom. Teachers and students will be able to take advantage of distance-learning opportunities, online courses, and virtual fieldtrips. Additionally, students can collaborate with peers in other schools and with experts and speakers that are not physically able to visit the classroom; they will be able to participate as a member of the global learning community. Furthermore, these purchases will help our school provide rich and meaningful instruction for homebound students.

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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."

Much of the professional development offered to teachers and staff is coordinated by the BOCES Model School Program. As part of this CoSer, our teachers can attend regional workshops, and we are eligible for five days a year in which an Instructional Technology specialist works with teachers in-district. Recent offerings available to teachers include, but are not limited to, the following: Google Apps for Educators, Introduction to eDoctrina, Summer Tech Camp (which includes Web 2.0 tools, Google Tools, Wikis, Blogs), Smart Board training, Introduction to Canvas, content management system. We also occasionally offer in-house workshops as needed or requested by teachers. For example, this year we offered an after school session to provide an overview of Windows 8 operating system, and we are providing a series of after school technology sessions, led by teachers with expertise in technology. In April 2016, our district hosted a Google Summit; this will provide our teachers and educators across New York State the opportunity to participate in high-caliber professional development directly related to our vision as outlined in the District Technology Plan.

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 Potsdam

9b. Enter the primary Institution phone number.

(315) 267-2000

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

Dr. Robyn Hosley

10. A district whose Smart Schools Investment Plan proposes the purchase of technology devices and other hardware must account for nonpublic schools in the district.

Are there nonpublic schools within your school district?

☐ Yes
☑ No

11. Nonpublic Classroom Technology Loan Calculator

The Smart Schools Bond Act provides that any Classroom Learning Technology purchases made using Smart Schools funds shall be lent, upon request, to nonpublic schools in the district. However, no school district shall be required to loan technology in amounts greater than the total obtained and spent on technology pursuant to the Smart Schools Bond Act and the value of such loan may not exceed the total of $250 multiplied by the nonpublic school enrollment in the base year at the time of enactment.

See:

http://www.p12.nysed.gov/mgtserv/smart_schools/docs/Smart_Schools_Bond_Act_Guidance_04.27.15_Final.pdf.

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	1. Classroom Technology Sub-allocation	2. Public Enrollment (2014-15)	3. Nonpublic Enrollment (2014-15)	4. Sum of Public and Nonpublic Enrollment	5. Total Per Pupil Sub-allocation	6. Total Nonpublic Loan Amount
Calculated Nonpublic Loan Amount	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

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

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

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

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

14. If you are submitting an allocation for Classroom Learning Technology complete this table.
Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

	Sub-Allocation
Interactive Whiteboards	100,000
Computer Servers	(No Response)
Desktop Computers	50,000
Laptop Computers	413,000
Tablet Computers	50,000
Other Costs	(No Response)
Totals:	**613,000**

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.

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	Cleartouch Interactive Panels	20	5,000	100,000
Desktop Computers	Dell Desktop computers	100	500	50,000
Laptop Computers	Chromebooks	1400	295	413,000
Tablet Computers	Apple iPads	110	400	44,000
Tablet Computers	Android OS tablets	20	300	6,000

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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.

Smart Schools Investment Plan - Potsdam-SSBA-Investment-1

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 - Potsdam-SSBA-Investment-1

Replace Transportable Classrooms

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Group 1

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

(No Response)

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

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

Project Number
(No Response)

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

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

(No Response)

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

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

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

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

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Group 1

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

(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)

High-Tech Security Features

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