

Smart Schools Investment Plan - 2016-17 Version (Original) - Safety and Security

SSIP Overview

Page Last Modified: 02/07/2018

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

Joseph Reilly

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

607-654-3858

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

Reilly.j.n@gmail.com

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

Supplemental submission

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

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

 District Educational Technology Plan Submitted to SED and Approved

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

By checking the boxes below, you are certifying that you have engaged with those required stakeholders. 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.

Port Byron SSIP.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.pbcschools.org/SmartSchools/pdfs/PB_SSSIP_Safety_and_Security.pdf

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

950

- 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:

\$1,179,472

- 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	110,893
Connectivity Projects for Communities	0
Classroom Technology	0
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	802,883
Totals:	913,776

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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.

Port Byron subscribes to WAN services through Central New York Regional Information Center (CNYRIC) They currently exceed this standard.

- 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	950	95,000	95	500	500	DNA

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

Port Byron will install wireless access points on the pole structures that are located on the campus. These areas allow the playing field and campus areas to access filtered wifi allowing classroom teachers to move outdoors when applicable. Imagine a Living Environment Science teacher accessing areas on the campus with students using Chrome books to record data and take pictures of samples. Physical Education teachers could reduce administrative time by reporting attendance during activities instead of spending precious minutes inside before proceeding outside. Elementary teachers could have writing activities outside weather permitting.

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

The Port Byron Instructional Technology Plan establishes as a primary goal support of one-to-one learning and facilitating that program by reducing the network limitations in traditional installations.

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School Connectivity

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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.

Port Byron Central School is committed to supporting learning without boundaries. They have moved forward with a one-to-one environment and now wish to remove the boundary that learning can only occur in a traditional classrooms. Port Byron wishes to allow student to use the campus by extending the wireless network to exterior locations on the campus.

- 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
05-11-01-04-0-004-017

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

Was your project deemed eligible for streamlined review?

No

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

Name	License Number
Brian Trott	25971

- 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	55,482
Outside Plant Costs	0
School Internal Connections and Components	33,216
Professional Services	15,503
Testing	0
Other Upfront Costs	6,692
Other Costs	0
Totals:	110,893

- 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.**

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School Connectivity

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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
Connections/Components	348800 DIN Rails for 16	8	25	200
Connections/Components	SFP-H10GB-CU3M= 10GBASE-CU SFP+ Cable 3 Meter (To existing 3650)	1	51	51
Connections/Components	AIR-CAB020LL-R 20 ft LOW LOSS CABLE ASSEMBLY W/RP-TNC CONNECTORS	12	66	792
Connections/Components	361429 4	7	69	483
Connections/Components	AIR-ACC245LA-N= 2.4 and 5 GHz Lightning Arrestor, N Connector	47	162	7,614
Connections/Components	AIR-ANT2568VG-N= 2.4 GHz 6dBi/5 GHz 8dBi Dual Band Omni Ant., Gray, N conn.	28	223	6,244
Connections/Components	GLC-TE= 1000BASE-T SFP transceiver module for Category 5 copper wire	1	229	229
Connections/Components	516137 18x16x10 Enclosure. Solid Door/Key Lock.	8	231	1,848
Connections/Components	GLC-SX-MMD= 1000BASE-SX SFP transceiver module, MMF, 850nm, DOM (To Poles)	3	254	762
Connections/Components	GLC-SX-MM-RGD= 1000Mbps Multi-Mode Rugged SFP	18	279	5,022
Connections/Components	PWR-RGD-AC-DC-H IE4010/5000 Hazloc Pwr Supply High AC/DC 85-264VAC/88-300VDC	1	356	356
Connections/Components	AIR-PWRINJ-60RGD1= Power Injector, 60W, outdoor, North America plug	3	441	1,323
Connections/Components	AR100 IT enclosures designed for specific environments and applications	1	452	452
Connections/Components	SFP-10G-SR-X= 10GBASE-SR SFP Module for Extended Temp range	1	800	800
Connections/Components	PWR-IE170W-PC-AC= IE family power supply 170W. AC to DC	8	838	6,704
Network/Access Costs	C1FPAIRK9 Cisco ONE Foundation	12	178	2,136

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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
	Perpetual - Wireless			
Network/Access Costs	AIR-ANT2513P4M-N= 2.4 GHz/5 GHz 13 dBi Patch Antenna.,4 port, N conn.	3	837	2,511
Network/Access Costs	AIR-AP1562E-B-K9 802.11ac W2 Low-Profile Outdoor AP, External Ant, B Reg Dom.	12	937	11,244
Network/Access Costs	C3850-NM-2-10G Cisco Catalyst 3850 2 x 10GE Network Module	1	1,295	1,295
Network/Access Costs	IE-4000-4GC4GP4G-E IE 4000 4 x combo 1G with 4 x 1G PoE, 4 x 1G Combo , LAN Bas	8	3,134	25,072
Network/Access Costs	WS-C3850-12S-S Cisco Catalyst 3850 12 Port GE SFP IP Base	1	5,182	5,182
Network/Access Costs	IE-5000-12S12P-10G IE5000 12x1G SFP+12x10/100/1000 + 4 1G/10G LAN BASE	1	11,176	11,176
Other Upfront Costs	CON-ECMU-C1FPAIR SWSS UPGRADES C1 Foundation Perpetual - Wireless	12	45	540
Other Upfront Costs	CON-SNT-IE40004G SNTC-8X5XNBD IE 4000 4 x combo 1G with 4 x 1G PoE, 4 Year 1	7	420	2,940
Other Upfront Costs	CON-SNT-IE40008P SNTC-8X5XNBD IE 4000 8 x RJ45 10/100/1000 with 8 x 1G Year 1	1	582	582
Other Upfront Costs	CON-SNT-IES12P50 SNTC-8X5XNBD IE5000 12x1G SFP+12x10/100/1000 + 4 1G/1	1	1,496	1,496
Professional Services	PS-SNY-ADV Project Completion	1	2,753	2,753
Professional Services	PS-SNY-ADV Phase 1 - Routing & Switching	1	6,074	6,074
Professional Services	PS-SNY-ADV Phase 1 - Wireless	1	6,676	6,676
Other Upfront Costs	CON-SNT-AIRBAP15 SNTC- 8X5XNBD 802.11ac W2 Low-Prof Year 1	12	61	732

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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.

(No Response)

- 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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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. 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)

4. All New York State public school districts are required to complete and submit an Instructional Technology Plan survey to the New York State Education Department in compliance with Section 753 of the Education Law and per Part 100.12 of the Commissioner’s Regulations. Districts that include educational technology purchases as part of their Smart Schools Investment Plan must have a submitted and approved Instructional Technology Plan survey on file with the New York State Education Department.

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

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

(No Response)

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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?")

(No Response)

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

(No Response)

- 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."

(No Response)

- 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.

(No Response)

- 9b. Enter the primary Institution phone number.

(No Response)

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

(No Response)

- 10. 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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Classroom Learning Technology

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11. Nonpublic Classroom Technology Loan Calculator

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

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

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

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

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

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

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

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

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

	Sub-Allocation
Interactive Whiteboards	(No Response)
Computer Servers	(No Response)
Desktop Computers	(No Response)
Laptop Computers	(No Response)
Tablet Computers	(No Response)
Other Costs	(No Response)
Totals:	0

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.

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Classroom Learning Technology

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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)
(No Response)	(No Response)	(No Response)	(No Response)	(No Response)
(No Response)	(No Response)	(No Response)	(No Response)	(No Response)
(No Response)	(No Response)	(No Response)	(No Response)	(No Response)
(No Response)	(No Response)	(No Response)	(No Response)	(No Response)
(No Response)	(No Response)	(No Response)	(No Response)	(No Response)
(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

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Pre-Kindergarten Classrooms

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

(No Response)

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

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

(No Response)

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

(No Response)

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

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

Project Number
(No Response)

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

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

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

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Pre-Kindergarten Classrooms

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

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Replace Transportable Classrooms

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

(No Response)

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

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

Project Number
(No Response)

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

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

(No Response)

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

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

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

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

Smart Schools Investment Plan - 2016-17 Version (Original) - Safety and Security

High-Tech Security Features

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

Port Byron Central Schools has developed a comprehensive safety and security plan to provide their students and staff with a safe and secure learning environment.

The first component is a door security system that requires appropriate credentials and identification badges to enter the buildings. All of the main entrances of the building are equipped at this time. Port Byron wishes to use Smart Schools money to expand this system to other doors in the district. By installing these additional door controls, the district will limit unauthorized access both within and from the outside of the buildings.

The second component is a video security system that monitors the campus and buildings of the district. These cameras are kept current through annual purchases using NYSAFE Schools funding. The district wishes to expand the areas covered to include campus areas such as parking lots and play grounds as well as the approaches to the exterior doors. They also wish to extend the retention the retention capacity of the video recorders by installing a new 137 TB server.

The third component is a reliable classroom communication system providing digital communication both audio and display to all classrooms, offices, and public areas of the district.

The Port Byron Central Schools are an evacuation center for the region around the district.

A critical infrastructure addition to the Safety and Security plan is to provide back up power that will support the first three components in the event that the district loses power. The door security, the video security, and the classroom communication all fail in the event of a power outage leaving the buildings un-secure and vulnerable.

Port Byron is proposing that they use their Smart Allocation to install reliable back up power in the event of a power outage that will maintain the door controls, video security, and the digital communication portions of the security plan. In addition, these generators will provide supplemental power to the building infrastructure in the event the buildings are used for an extended emergency resource.

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
05-11-01-04-0-004-017

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
Brian Trott	25971

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)	455,201
Electronic Security System	245,122
Entry Control System	12,560
Approved Door Hardening Project	0

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	Sub-Allocation
Other Costs	90,000
Totals:	802,883

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
Capital-Intensive Security Project	Generac Model 250 Electrical Generators	3	71,885	215,655
Capital-Intensive Security Project	Concrete Installation pad for generators	3	3,288	9,864
Capital-Intensive Security Project	Steel mounting bollards	3	2,067	6,201
Capital-Intensive Security Project	Natural Gas supply line	3	10,808	32,424
Capital-Intensive Security Project	Electrical connections including conduit, grounding, power transformer, cables and power fail transfer switch	3	62,008	186,024
Capital-Intensive Security Project	System control and communications	1	5,033	5,033
Entry Control System	iClass/multiClass SE R40/RP40 Reader, HID Prox, Legacy, Wiegand, Black 920PTNNEK00000	26	254	6,604
Entry Control System	1 in. Recessed Door Contact, Wide-Gap, N.C. Loop DAY78G/ST-A	26	13	338
Entry Control System	1 in. Recessed Door Contact with 10k Ohm Embedded Resistors, Wide-Gap, N.C. Loop DAY78G/ST-D	26	19	494
Entry Control System	PASSIVE INFRARED REX, 12 TO 30VDC, 26MA, SURFACE MOUNT, FORM C CONTACTS DS160	26	61	1,586
Entry Control System	RIB Rly, 10 Amp, SPDT, 10-30 Vac/dc/120 Vac Coil RIBU1C	26	15	390
Electronic Security System	ACC 5 Enterprise license for up to 1 camera channels and unlimited viewing clients 1C-ACC5-ENT	9	302	2,718
Electronic Security System	7K (30 MP) H.264 HD Pro with LightCatcher Technology 30L-H4PRO-	7	8,950	62,650

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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
	B			
Electronic Security System	Exterior IP Camera Termination Kit DAY-CAMKIT-2	7	98	686
Electronic Security System	Large Format Enclosure for HD IP Pro Cameras with 12VDC/24VAC Heater, Wall Bracket and Sunshield, Max combined camera and lens length is 12.8" (32.5 cm) ES-HD-HWS-LG	7	371	2,597
Electronic Security System	PoE+ power module, Powers full camera enclosure features & camera with a single Ethernet connection ES-HD-IPM	7	210	1,470
Electronic Security System	Reinforcing wall mount adapter for ES-HD-HWS-SM, ES-HD-HWS, ES-HD-CWS, ES-HD-HWS-LG & ES-HD-CWS-LG ES-HD-MNT-PLATE	7	36	252
Electronic Security System	Canon, 85mm, f/1.2, Auto-Iris LEF8512CA	7	3,695	25,865
Electronic Security System	Single port Gigabit 802.3at PoE Plus injector, Class 4 - NA power cord POE-INJ2-PLUS-NA	7	68	476
Electronic Security System	SAS CP, 12	6	405	2,430
Electronic Security System	ACX-5740, 8 Readers, 12 UI, 4 DO, 10/100bT, exp i/o ACX-4-0000000	4	2,073	8,292
Electronic Security System	xP Module, 4 UI and 4 DO w/Overrides, USA xPBD4-A	4	372	1,488
Electronic Security System	A8004-VE IP Video Door Station, 2-way Communication w/Remote Entry Control 0673-001	2	1,224	2,448
Electronic Security System	3.0 Megapixel WDR, LightCatcher, Day/Night, Indoor Dome, 3-9mm f/1.3 P-iris lens, Self-Learning Video Analytics 3.0C-H4A-D1	2	752	1,504
Electronic Security System	External IP Relay, 4 Outputs, PoE 9137411E	2	215	430
Electronic Security System	Interior IP Camera Termination Kit DAY-CAMKIT-1	2	28	56
Electronic Security System	2.0 Stereo Computer Speaker System (2-piece), Black NS-PCS20	2	22	44
Electronic Security System	ACX-5720, 4 Readers, 6 UI, 2 DO, 10/100bT, exp i/o ACX-2-0000000	1	1,508	1,508

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Entry Control System	Go Mic Portable USB Microphone with Software SAGOMICHD	2	67	114
Electronic Security System	Add-On Analytics Kit for Appearance Search HD-NVR3-ANK1-1	1	877	877
Electronic Security System	SFP+ 10GbE Transceiver at each end of Twinax Direct Attach Copper Cable, 3m HD-NVR3-SFPPLUS-DA	1	116	116
Electronic Security System	Network Card DP 10G-SFP+ HD-NVR3-STD-10GBE	1	698	698
Electronic Security System	Network Video Server, 2U Rack Mount, 137 TB, and Academic Licensing, Includes application configuration services. NVS-12-A-A	1	29,087	29,087
Electronic Security System	System configuration and programing	1	24,056	24,056
Electronic Security System	subcontractor for Hardware installation and cabling	1	62,250	62,250
Other Costs	Architect Fees, Submission fees, and legal notices	1	90,000	90,000
Electronic Security System	Sigma 35mm f/1.4 auto iris lense	7	1,857	12,999
Entry Control System	HgC 10A 24Vdc PS w/battery Back Up 1ACX/2 EMX/8 ACD	3	780	2,340
Entry Control System	SAS CP 12x12x6 N1 SC enc Max 1-ADA Door Adjustment Time delays for In & Ext ADA Equipment	2	405	810