Smart Schools Investment Plan - Revised - Supplement 1

SSIP Overview

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Institution ID

800000034015

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

Joseph N Reilly

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

　　　6076543858

　　　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.

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

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

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

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

☑ The district developed and the school board approved a preliminary Smart Schools Investment Plan.

☑ The preliminary plan was posted on the district website for at least 30 days. The district included an address to which any written comments on the plan should be sent.

☑ The school board conducted a hearing that enabled stakeholders to respond to the preliminary plan. This hearing may have 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.

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

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

7621a418-81d1-411e-8518-abe49c572e4c.pdf

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

https://filecabinet9.eschoolview.com/56062B6E-4355-4823-B3F6-0B311483E259/7621a418-81d1-411e-8518-abe49c572e4c.pdf

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

990

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

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

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

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

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

(No Response)

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

$1,060,464

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	993	0	993.00	0.00

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

	Sub-Allocations	Expenditure Totals	Difference
School Connectivity	52,660.00	52,660.00	0.00
Connectivity Projects for Communities	0.00	0.00	0.00
Classroom Technology	0.00	0.00	0.00
Pre-Kindergarten Classrooms	0.00	0.00	0.00
Replace Transportable Classrooms	0.00	0.00	0.00
High-Tech Security Features	299,287.00	299,287.00	0.00
Nonpublic Loan	0.00	0.00	0.00
Totals:	**351,947**	**351,947**	**0**

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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.

   Byron - Bergen Central School subscribes to broadband services through the Regional Information Center. We 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). If the district currently meets the required speed, enter "Currently Met" in the last box: Expected Date When Required Speed Will be Met.**

	Number of Students	Required Speed in Mbps	Current Speed in Mbps	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	940	94.00	200	200	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.**

   Byron Bergen Central Schools is planning to upgrade their network infrastructure to provide a learning environment that supports the instructional goals and the expanded safety and security components. Using NY Smart Schools Funds and Federal Erate Category 2 funds they plan to upgrade more of their switches to POE capacity and 10 gigabyte backbone. Using Erate Category 2 funds, the district will also install additional Wireless Access Points throughout the district buildings providing saturation coverage in all areas.

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

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

   Byron Bergen has established a one-to-one learning environment to support individual student learning and expand all student opportunities. To continue to support this the district wants to expand the robust network infrastructure in all areas. By installing this equipment, student and teachers can access virtual resources that expand their opportunities. In addition to digital content, students and teachers can reach out to area experts for first person resources

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

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

   The Technology Director at Byron Bergen Central Schools regularly consults with a team including district instructional leaders, Genesee Valley BOCES Planning Specialists, and network designers from Cisco vendors. The team reviewed the student usage of all instructional spaces and public spaces. Additionally they consulted with the Facilities Director to review expanded High Tech Security requirements for the district IT network. They have designed a hard wire and a wireless infrastructure to support the instructional goals of all spaces.

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

Project Number
18-07-01-04-7-999-BA2

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

   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
Brian Trott	25971

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

Select the allowable expenditure type. Repeat to add another item under each type.	**PUBLIC** Items to be Purchased	Quantity	Cost Per Item	Total Cost
(No Response)	(No Response)	(No Response)	(No Response)	0.00
		0	0.00	0

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

Select the allowable expenditure type. Repeat to add another item under each type.	**PUBLIC** Items to be purchased	Quantity	Cost per Item	Total Cost
Network/Access Costs	Lic-MS390-24E Erate price	1	153.00	153.00
Network/Access Costs	MS-390-24U-HW Switch Erate Price	1	592.00	592.00
Network/Access Costs	MS-390-48GE Switch Erate price	13	1,023.00	13,299.00
Network/Access Costs	LIC-MS390-48E-5Y Erate price	13	275.00	3,575.00
Network/Access Costs	MA-PWR-1100-WAC Erate price	13	180.00	2,340.00
Connections/Components	MA-PWR-1100-WAC Erate price	27	2.00	54.00
Connections/Components	MA-MOD-8x10G Erate price	9	241.00	2,169.00
Connections/Components	MA-CBL-TA-3M Erate price	3	15.00	45.00
Connections/Components	MA-SFP-10GB-SR Erate price	5	91.00	455.00
Connections/Components	MA-SFP-10GB-LR Erate price	2	364.00	728.00
Connections/Components	N820-03M Erate price	6	3.00	18.00
Connections/Components	N370-03M Erate price	2	4.00	8.00
Connections/Components	MA-CBL-120G-1M Erate price	7	23.00	161.00
Connections/Components	MA-CBL-120G-3M Erate price	2	34.00	68.00
Network/Access Costs	MS-390-48-GE Non Erate	3	5,115.00	15,345.00
Network/Access Costs	LIC-MS390-48 Non Erate	3	1,375.00	4,125.00
Network/Access Costs	MA-PWR-1100WAC Non Erate	3	899.00	2,697.00
Connections/Components	PWR-CORD-US Non Erate	4	11.00	44.00
Connections/Components	MA-MOD-8x10G	4	1,245.00	4,980.00
Connections/Components	MA-SFP-10GB-LR	1	1,804.00	1,804.00
		122	13,449.00	52,660

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	993	0	993.00	0.00

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School Connectivity

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

	Public Allocations	Estimated Nonpublic Loan Amount	Estimated Total Sub-Allocations
Network/Access Costs	(No Response)	0.00	0.00
School Internal Connections and Components	(No Response)	0.00	0.00
Other	(No Response)	0.00	0.00
Totals:	**0.00**	**0**	**0**

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

	Sub-Allocation
Network/Access Costs	42,126.00
Outside Plant Costs	0.00
School Internal Connections and Components	10,534.00
Professional Services	0.00
Testing	0.00
Other Upfront Costs	0.00
Other Costs	0.00
Totals:	**52,660.00**

14. **School Connectivity Totals**

	Total Sub-Allocations
Total Loanable Items	0.00
Total Non-loanable Items	52,660.00
Totals:	**52,660**

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Community Connectivity (Broadband and Wireless)

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

   (No Response)

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

   (No Response)

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

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

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

   (No Response)

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

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

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

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

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

	Sub-Allocation
Network/Access Costs	(No Response)
Outside Plant Costs	(No Response)
Tower Costs	(No Response)
Customer Premises Equipment	(No Response)
Professional Services	(No Response)
Testing	(No Response)
Other Upfront Costs	(No Response)
Other Costs	(No Response)
Totals:	**0.00**

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Classroom Learning Technology

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1.　**In order for students and faculty to receive the maximum benefit from the technology made available under the Smart Schools Bond Act, their school buildings must possess sufficient connectivity infrastructure to ensure that devices can be used during the school day. Smart Schools Investment Plans must demonstrate that sufficient infrastructure that meets the Federal Communications Commission's 100 Mbps per 1,000 students standard currently exists in the buildings where new devices will be deployed, or is a planned use of a portion of Smart Schools Bond Act funds, or is under development through another funding source.**

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

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

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

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

　　(No Response)

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

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

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

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

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

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

　　(No Response)

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

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

   (No Response)

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

   (No Response)

8. **Describe the district's plan to provide professional development to ensure that administrators, teachers and staff can employ the technology purchased to enhance instruction successfully.**

   Note: This response should be aligned and expanded upon in accordance with your district's response to Question 1 of F. Professional Development of your Instructional Technology Plan: "Please provide a summary of professional development offered to teachers and staff, for the time period covered by this plan, to support technology to enhance teaching and learning. Please include topics, audience and method of delivery within your summary."

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

   (No Response)

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

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

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

   (No Response)

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

   (No Response)

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Classroom Learning Technology

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

(No Response)

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

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

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

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

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

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

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	993	0	993.00	0.00

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

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

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Pre-Kindergarten Classrooms

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

   (No Response)

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

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

   (No Response)

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

   (No Response)

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

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

Project Number
(No Response)

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

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

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

	Sub-Allocation
Construct Pre-K Classrooms	(No Response)
Enhance/Modernize Educational Facilities	(No Response)
Other Costs	(No Response)
Totals:	**0.00**

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

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

5. **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:	**0.00**

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High-Tech Security Features

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

   For students to be successful at school they need to feel safe and secure in their school environment.

   Byron Bergen has a school security plan to provide this environment and wishes to address three components with this plan.

   The first component is an expanded video security system. Byron Bergen upgraded their video surveillance system in their Phase 1 plan. In this project Byron Bergen is proposing to install additional cameras including external campus cameras to cover bus loading locations and other gathering places. In addition, they are proposing to upgrade the video security servers to provide the additional capacity to video and retain recordings for 30 or more days. They will also have the ability to archive incidents for extended periods as required by individual disciplinary or criminal actions.

   The second component is a strong classroom communication system. The district proposes to replace the antiquated analog telephone system with a new, Voice over IP system. (VoiP) This system will work jointly with the Classroom Notification system in Phase 1 to notify all staff and students if there is an emergency in the building. In addition, the system can be managed so specific messages goes to groups of phones by location as required.

   The Third component is Entry Security. Byron Bergen has some door security at this time. It is old and un-reliable. Byron Bergen proposes to upgrade and expand the number of doors being monitored and controlled by the security system. They propose to expand the number of swipe sensors. These swipe sensors only open doors for people who have security badges and have been given access to those doors. Some employees will probably only need access to certain doors in certain buildings on days school is in session. Others, such as custodians and coaches, might need access on different hours or days school isn't in session. Knowing who is accessing the building and when provides a layer of security for everyone in the district.

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

Project Number
18-07-01-04-7-999-002
18-07-01-04-7-999-BA2

3. **Was your project deemed eligible for streamlined Review?**

   ☑ Yes
   ☐ No

   3a. **Districts with streamlined projects must 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.**

   ☑ By checking this box, you certify that the district has reviewed all installations with a licensed architect or engineer of record.

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

Name	License Number
Brian Trott	25971

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

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Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Electronic Security System	CP-8841-K9= Cisco IP Phone 8841	245	250.00	61,250.00
Electronic Security System	CP-8865-K9= Cisco IP Phone 8865	50	390.00	19,500.00
Electronic Security System	BE6M-M5-K9 Cisco Business Edition 6000M (M5) Appliance,	2	6,303.00	12,606.00
Electronic Security System	CON-SNT- BE6MM5K9 SNTC-8X5XNBD Cisco Business Edition 6000M	2	355.00	710.00
Electronic Security System	CON-ECMU- BE6KVIRX SWSS UPGRADES Cisco BE Embedded Virt. Basic 7x, BE6K	2	76.00	152.00
Electronic Security System	UCSC-PSU1- 770W= Cisco UCS 770W AC Power Supply	2	341.00	682.00
Electronic Security System	CAB-9K12A- NA= Power Cord, 125VAC 13A NEMA 5-15 Plug,	2	19.00	38.00
Electronic Security System	C8200L-1N-4T Cisco Catalyst 8200L with 1-NIM slot and 4x1G WAN ports	2	1,088.00	2,176.00
Electronic Security System	CON-SSSNT- C8200TL1 SOLN SUPP 8X5XNBD Cisco Catalyst 8200L with 1-NIM slot	2	295.00	590.00
Electronic Security System	NIM- 2FXS/4FXOP 2-Port FXS/FXS-E/DID and 4-Port FXO Network Interface Module	1	844.00	844.00
Electronic Security System	DNA-P-T0-A-3Y Cisco DNA Advantage On-Prem Lic 3Y	1	1,907.00	1,907.00
Electronic Security System	SVS-PDNA-T0- A3Y Solution Support for SW - DNA Advantage OnPrem Lic,	1	427.00	427.00
Electronic Security System	VG400- 4FXS/4FXO Cisco VG400 Analog Voice Gateway	1	2,327.00	2,327.00
Electronic Security System	CON-SNT- VG4004FO SNTC-8X5XNBD Cisco VG400 Analog Voice Gateway	1	256.00	256.00
Electronic Security System	ACS-4220-RM- 19 19 inch rack mount kit	1	69.00	69.00
Electronic Security System	IM-A-SP-B- CRC Imagicle Call Recording	10	23.00	230.00
Electronic Security System	SS-CPF-2 One-Time Onboarding Fee	1	910.00	910.00
Electronic Security System	A-FLEX-EAPL- EDU EntW On-Premises Calling for Education	180	5.00	900.00

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Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Electronic Security System	Installation of VoiP system	1	39,570.00	39,570.00
Electronic Security System	SSF-3YR-USR- TIER 2 InformaCast Fusion User Base up to 250 Users	250	38.00	9,500.00
Electronic Security System	SF-3YR-EPA- TIER 2 InformaCast Fusion IP Speaker Endpoint Add-On	250	28.00	7,000.00
Electronic Security System	Avigilon: ACC ES 8-Port Appliance, 8TB, NA	1	1,920.00	1,920.00
Electronic Security System	Avigilon: 4MP Outdoor Surface Dome, 3.3-9mm f/1.3 P-iris lens, WDR, LC Tech, D/N, and Next-Gen Analytics	1	1,005.00	1,005.00
Electronic Security System	Avigilon: 3x 3MP, WDR, LightCatcher, 2.8mm, Camera Only	3	1,525.00	4,575.00
Electronic Security System	Avigilon: 4MP Outdoor Pendant Dome, 3.3-9mm f/1.3 P-iris lens, WDR, LC Tech, D/N, and Next-Gen Analytics	3	951.00	2,853.00
Electronic Security System	Avigilon: Wall mount bracket for use with H4A-DP pendant dome cameras	3	55.00	165.00
Electronic Security System	Avigilon: 4MP Indoor Surface Dome, 3.3-9mm f/1.3 P-iris lens, WDR, LC Tech, D/N, and Next-Gen Analytics	4	867.00	3,468.00
Electronic Security System	Avigilon: 3x 8MP, WDR, LightCatcher, 4mm, Camera Only	5	1,934.00	9,670.00
Electronic Security System	Avigilon: Corner Mount Bracket	6	83.00	498.00
Electronic Security System	Avigilon: Clear Dome Bubble and Cover for Surface or Pendant Mount	8	147.00	1,176.00
Electronic Security System	Avigilon: Optional IR Illuminator Ring, up to 30m (100ft), for use w/H4AMH-DO-COVR1	8	304.00	2,432.00
Electronic Security System	Avigilon: Pendant Mount Adapter, must order (1) IRPTZ-MNT-WALL1 or -NPTA1 and (1) H4AMH-DO-COVR1	8	147.00	1,176.00
Electronic Security System	Avigilon: Pendant Wall Arm Adapter for use w/H4AMH-AD-PEND1 or H4 IRPTZ	8	87.00	696.00
Electronic Security System	Avigilon: Single Port PoE Injector Gigabit, 60W, for H4IR PTZ, Indoor Install, Temp Range 14-113 deg F	8	138.00	1,104.00
Electronic Security System	Avigilon: ACC 7 Enterprise Camera License	11	262.00	2,882.00
Electronic Security System	Ditek Corp.: PoE Surge Protection,	13	64.00	832.00

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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
	RJ45, 48 V Protection, 72 V Clamp			
Electronic Security System	Tripp Lite: 1ft Cat6 Gb Snagless Molded UTP Patch Cable, Orange	13	4.00	52.00
Electronic Security System	Leviton: eXtreme Cat 6 QuickPort Jack, White	17	9.00	153.00
Electronic Security System	Leviton: Surface Mount QuickPort Box, Plenum Rated, 1-Port, White	17	2.00	34.00
Electronic Security System	Tripp Lite: 10ft Cat6 Gb Snagless Molded UTP Patch Cable, Orange	17	9.00	153.00
Electronic Security System	Tripp Lite: 3ft Cat6 Gb Snagless Molded UTP Patch Cable, Orange	17	6.00	102.00
Other Costs	Professional Services for Engineering/Programming/Proj Management/Checkout	1	9,948.00	9,948.00
Entry Control System	Avigilon: Enterprise Web-Based PACS Hardware Appliance for 64 Readers v6	1	5,566.00	5,566.00
Entry Control System	Avigilon: 2-Door Interface Module, Mag or Wiegand, 8 In, 6 Relay Outputs, 12-24Vdc, RS485	19	672.00	12,768.00
Entry Control System	Avigilon: 2-Door Intelligent Controller, 8 In, 4 Relay Outputs, 12-24Vdc, RS485 (Replaces 2DR)	1	12,202.00	12,202.00
Entry Control System	Avigilon: ACM Badging Application Software License v6, 1 per Appliance	1	752.00	752.00
Entry Control System	Avigilon: ACM Collaboration Software License for Microsoft SQL v6	1	1,505.00	1,505.00
Entry Control System	HID: Fargo YMCKOK Ribbon, 200 prints, Full Color Ribbon w/Two Black Resin Panels	1	80.00	80.00
Entry Control System	HID: Fargo DTC4250e Dual Sided Badge Printer	1	3,179.00	3,179.00
Entry Control System	HID: Fargo Cleaning Kit for DTC Printers	1	45.00	45.00
Other Costs	Professional Services for Engineering/Programming/Proj Management/Checkout	1	26,652.00	26,652.00
Other Costs	Architect fees and contingencies	1	30,000.00	30,000.00
		1,207	**155,641.00**	**299,287**

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

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

	Sub-Allocation
Capital-Intensive Security Project (Standard Review)	0.00
Electronic Security System	196,590.00
Entry Control System	36,097.00
Approved Door Hardening Project	0.00
Other Costs	66,600.00
Totals:	**299,287.00**