

Smart Schools Investment Plan - Revised - Smart Schools Phase 2

SSIP Overview

Institution ID

800000053659

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.

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. Each box must be checked prior to submitting your Smart Schools Investment Plan.**

- Parents
- Teachers
- Students
- Community members

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

6. 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.

Smart Schools Investment Plan - Revised - Smart Schools Phase 2

SSIP Overview

- 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.

Board of Ed Copy of Cortland SSIP Presentation.ppt 1.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://drive.google.com/file/d/18gypL7ooJKd_aKrW5arplFSsFSXwCRGa/view

- 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.

3,000

- 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:

\$2,270,295

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	2,559	287	2,846.00	10.08

- 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	0.00	0.00	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	1,376,818.00	1,376,818.00	0.00
Nonpublic Loan	0.00	0.00	0.00
Totals:			

Smart Schools Investment Plan - Revised - Smart Schools Phase 2

SSIP Overview

	Sub-Allocations	Expenditure Totals	Difference
	1,376,818	1,376,818	0

Smart Schools Investment Plan - Revised - Smart Schools Phase 2

School Connectivity

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

(No Response)

4. Describe the linkage between the district's District Instructional Technology Plan and 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.)

(No Response)

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

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

(No Response)

Smart Schools Investment Plan - Revised - Smart Schools Phase 2

School Connectivity

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
(No Response)

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

Was your project deemed eligible for streamlined review?

(No Response)

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

Name	License Number
(No Response)	(No Response)

9. 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
(No Response)	(No Response)	(No Response)	(No Response)	0.00
		0	0.00	0

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	2,559	287	2,846.00	10.08

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

Smart Schools Investment Plan - Revised - Smart Schools Phase 2

School Connectivity

	Public Allocations	Estimated Nonpublic Loan Amount	Estimated Total Sub-Allocations
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	(No Response)
Outside Plant Costs	(No Response)
School Internal Connections and Components	(No Response)
Professional Services	(No Response)
Testing	(No Response)
Other Upfront Costs	(No Response)
Other Costs	(No Response)
Totals:	0.00

14. School Connectivity Totals

	Total Sub-Allocations
Total Loanable Items	0.00
Total Non-loanable Items	0.00
Totals:	0

Smart Schools Investment Plan - Revised - Smart Schools Phase 2

Community Connectivity (Broadband and Wireless)

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

Smart Schools Investment Plan - Revised - Smart Schools Phase 2

Classroom Learning Technology

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)

Smart Schools Investment Plan - Revised - Smart Schools Phase 2

Classroom Learning Technology

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.

(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 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)

- 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)

Smart Schools Investment Plan - Revised - Smart Schools Phase 2

Classroom Learning Technology

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	2,559	287	2,846.00	10.08

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	0.00	0.00	0.00
Computer Servers	0.00	0.00	0.00
Desktop Computers	0.00	0.00	0.00
Laptop Computers	0.00	0.00	0.00
Tablet Computers	0.00	0.00	0.00
Other Costs	0.00	0.00	0.00
Totals:	0.00	0	0

Smart Schools Investment Plan - Revised - Smart Schools Phase 2

Pre-Kindergarten Classrooms

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

Smart Schools Investment Plan - Revised - Smart Schools Phase 2

Replace Transportable Classrooms

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

Smart Schools Investment Plan - Revised - Smart Schools Phase 2

High-Tech Security Features

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.

There are many components to a safe and secure school environment. Cortland Enlarged City School District wishes to address two of those components in this plan.

One of the components of this plan is an upgrade to the video security system. The district currently has a video security system in every building. This plan transitions to digital cameras. The existing analog cameras has limited resolution and very limited range. In specific locations the existing cameras show events. The image is fuzzy which makes the video of limited value. The new system will increase the number of cameras. In addition the cameras will have high resolution and cover larger areas of the buildings and the campus.

The second component is the entry controlsystem. The main entrances at the buildings are currently monitored and have access limited to door fobs. Anyone wishing to enter the main entrances is required to present identification and identify their destination. This plan upgrades the existing hardware and expands this serviceto additional entrances. Additionally, other doors will be equipped with contacts. If a door is opened without permission or a door is blocked open the administration team that monitors these entrances is notified.

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
11-02-00-01-7-999-003

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
Jason Benedict	(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
Electronic Security System	Avigilon: NVR4, Education Series, 157TB, RAID6, No OS Video Server	2	32,220.00	64,440.00
Electronic Security System	Avigilon: 30MP (7k) Box, H.264 HD Pro w/LC Tech	4	8,950.00	35,800.00
Electronic Security System	Avigilon: 16 MP (5K) Box, H.264 HD Pro w/LC Tech	7	6,713.00	46,991.00
Electronic Security System	Avigilon: Canon, 16-35mm, f/2.8L, Auto-Iris, VF, Use w/4k-7k H4PRO-B, Use AUX power w/HD-PRO	1	4,345.00	4,345.00
Electronic Security System	Avigilon: ACC 6 Enterprise license for up to 16 camera channels	1	4,023.00	4,023.00

Smart Schools Investment Plan - Revised - Smart Schools Phase 2

High-Tech Security Features

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	Avigilon: Canon, 50mm, f/1.2, Auto-Iris	1	2,982.00	2,982.00
Electronic Security System	Day Automation: Video WS Lite, 8 Live Streams Max (1080p), No Monitors Desktop Only, w/UPS	1	2,605.00	2,605.00
Electronic Security System	Avigilon: 4x 8MP, WDR, LightCatcher, 4mm, Camera Only	2	2,148.00	4,296.00
Electronic Security System	Avigilon: ACC 6 Enterprise license for up to 8 camera channels	1	2,050.00	2,050.00
Electronic Security System	Avigilon: 3x 8MP, WDR, LightCatcher, 5.2mm, Camera Only	1	1,880.00	1,880.00
Electronic Security System	Avigilon: 4x 5MP, WDR, LightCatcher, 2.8mm, Camera Only	1	1,880.00	1,880.00
Electronic Security System	Avigilon: 3x 8MP, WDR, LightCatcher, 4mm, Camera Only	13	1,880.00	24,440.00
Electronic Security System	Avigilon: 8MP (4k) Box, H.264 HD Pro w/LC Tech	9	1,866.00	16,794.00
Electronic Security System	Avigilon: Sigma, 35mm, f/1.4, Auto-Iris	18	1,857.00	33,426.00
Electronic Security System	Avigilon: 4x 3MP, WDR, LightCatcher, 2.8mm, Camera Only	5	1,705.00	8,525.00
Electronic Security System	Avigilon: 3x 5MP, WDR, LightCatcher, 4mm, Camera Only	9	1,611.00	14,499.00
Electronic Security System	Avigilon: 8MP (4k) Int/Ext Bullet w/IR, 4.3-8mm f/1.8, w/D/N and Analytics	20	1,343.00	26,860.00
Electronic Security System	Avigilon: 5MP Ext Surface Dome, 4.3-8mm f/1.8, w/LC Tech, D/N, and Analytics	1	989.00	989.00
Electronic Security System	Avigilon: 3MP Int/Ext Bullet w/IR, 9-22mm f/1.6, w/WDR, LC Tech, and Analytics	2	962.00	1,924.00
Electronic Security System	Avigilon: 3MP Int/Ext Bullet w/IR, 3-9mm f/1.3, w/WDR, LC Tech, and Analytics	13	926.00	12,038.00
Electronic Security System	Avigilon: 5MP Int Surface Dome, 4.3-8mm f/1.8, w/LC Tech, D/N, and Analytics	2	855.00	1,710.00
Electronic Security System	Day Automation: SAS CP, 24x24x9in N1 Enc HgC, 10A 24Vdc PS w/Battery Back-Up, 1 ACX/2 EMX/8 ACD's	3	812.00	2,436.00
Electronic Security System	APC: Smart-UPS, 1500VA, 2U RM, 120Vac, w/LCD	2	794.00	1,588.00
Electronic Security System	Avigilon: 3MP In-Ceiling Dome, 3-9mm	17	792.00	13,464.00

Smart Schools Investment Plan - Revised - Smart Schools Phase 2

High-Tech Security Features

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
	f/1.3, w/WDR, LC Tech, D/N, and Analytics			
Electronic Security System	Avigilon: 3MP Int Surface Dome, 3-9mm f/1.3, w/WDR, LC Tech, D/N, and Analytics	21	747.00	15,687.00
Electronic Security System	Avigilon: Dual-Port 10G-SFP+ Network Adapter for 64, 96, and 157TB Models	2	698.00	1,396.00
Electronic Security System	Cisco: 10GBASE-SR SFP Module, Multimode, Short Range, LC	4	667.00	2,668.00
Electronic Security System	Day Automation: CP for 1-Access Door, 16x19x6in N1 Enc HgC, 2.5A 24Vdc Power, Max 1-AC-1PLUS & CP-ADA-1 Power	3	511.00	1,533.00
Electronic Security System	Day Automation: SAS CP, 12x12x4in N1 SC Enc, Max 1-ADA Door, Adj Time Delays for Int & Ext ADA Equipment	3	422.00	1,266.00
Electronic Security System	Avigilon: Large Format Enclosure for HD IP Pro Cameras with 12VDC/24VAC Heater, Wall Bracket and Sunshield, Max combined camera and lens length is 12.8in (32.5 cm)	20	371.00	7,420.00
Electronic Security System	Microsoft: Windows Server Standard 2019 Licensing, 16 core Licenses, Academic	2	312.00	624.00
Electronic Security System	Avigilon: ACC 6 Enterprise license for up to 1 camera channels	102	300.00	30,600.00
Electronic Security System	Avigilon: Optional IR Illuminator Ring, up to 30m (100ft), for use w/H4AMH-DO-COVR1	15	295.00	4,425.00
Electronic Security System	Avigilon: SFP+ 10GBASE Multimode Transceiver	4	264.00	1,056.00
Electronic Security System	Avigilon: Optional PoE+ power module, Powers full camera enclosure features & camera with a single Ethernet connection	20	210.00	4,200.00
Electronic Security System	Avigilon: Surface Mount Adapter, must order (1) H4AMH-DO-COVR1	16	143.00	2,288.00
Electronic Security System	Avigilon: Clear Dome Bubble and Cover for Surface or Pendant Mount	30	143.00	4,290.00
Electronic Security System	Avigilon: Pendant Mount Adapter, must order (1) IRPTZ-MNT-WALL1 or -NPTA1 and (1) H4AMH-DO-COVR1	14	143.00	2,002.00

Smart Schools Investment Plan - Revised - Smart Schools Phase 2

High-Tech Security Features

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	Avigilon: Single Port PoE Injector Gigabit, 60W, for H4IR PTZ, Indoor Install, Temp Range 14-113 deg F	30	134.00	4,020.00
Electronic Security System	Avigilon: Pendant Wall Arm Adapter for use w/H4AMH-AD-PEND1 or H4 IRPTZ	14	85.00	1,190.00
Electronic Security System	Avigilon: Metal ceiling panel for use with H4A-DC in-ceiling dome cameras to replace or reinforce the existing ceiling tile in suspended ceiling installations	17	85.00	1,445.00
Electronic Security System	Avigilon: Junction box for the H4A-BO-IR HD Bullet Cameras	35	81.00	2,835.00
Electronic Security System	Avigilon: Pole Mount Bracket	2	81.00	162.00
Electronic Security System	Avigilon: Corner Mount Bracket	11	81.00	891.00
Electronic Security System	Panda Security: Adaptive Defense 360 License, 1-Year	2	68.00	136.00
Electronic Security System	Ditek Corp.: PoE Surge Protection, RJ45, 48 V Protection, 72 V Clamp	86	60.00	5,160.00
Electronic Security System	Nascom: 3 in. Track Mount Contact, Wide-Gap w/ 3 ft. Armor Cable, N.C. Loop	38	50.00	1,900.00
Electronic Security System	Avigilon: Reinforcing wall mount adapter for ES-HD-HWS-SM, ES-HD-HWS, ES-HD-CWS, ES-HD-HWS-LG & ES-HD-CWS-LG	20	36.00	720.00
Electronic Security System	FIS: 10m Duplex 1.6mm MM 50um OM2 Fiber LC/PC To LC/PC, Orange	4	23.00	92.00
Electronic Security System	Microsoft: Windows Server Standard 2019 Licensing, 1 user CAL, Academic	10	11.00	110.00
Electronic Security System	Leviton: eXtreme Cat6 QuickPort Jack, White	126	10.00	1,260.00
Electronic Security System	Tripp Lite: 10ft Cat6 Gb Snagless Molded UTP Patch Cable, Orange	130	9.00	1,170.00
Electronic Security System	Tripp Lite: 3ft Cat6 Gb Snagless Molded UTP Patch Cable, Orange	126	5.00	630.00
Electronic Security System	Tripp Lite: 1ft Cat6 Gb Snagless Molded UTP Patch Cable, Orange	86	5.00	430.00
Electronic Security System	Leviton: Surface Mount QuickPort Box, Plenum Rated, 1-Port, White	126	3.00	378.00
Entry Control System	HID: Fargo DTC4250e Dual Sided	1	3,100.00	3,100.00

Smart Schools Investment Plan - Revised - Smart Schools Phase 2

High-Tech Security Features

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
	Badge Printer			
Entry Control System	Axis: A8004-VE IP Video Door Station, 1MP, Surface Mount, 2-way Comm w/Remote Entry Control, SS Face-plate	6	1,212.00	7,272.00
Entry Control System	Day Automation: SAS CP, 24x36x9in N1 Enc HgC, 12A 24Vdc PS w/Battery Back-Up , 2 ACX/2 EMX/16 ACD's	9	1,136.00	10,224.00
Entry Control System	Avigilon: 2-Door Intelligent Controller, 8 In, 4 Relay Outputs, 12-24Vdc, RS485 (Replaces 2DR)	15	1,110.00	16,650.00
Entry Control System	Avigilon: ACM Badging Application Software License v6, 1 per Appliance	1	746.00	746.00
Entry Control System	Avigilon: 2-Door Interface Module, Mag or Wiegand, 8 In, 6 Relay Outputs, 12-24Vdc, RS485	21	567.00	11,907.00
Entry Control System	Day Automation: Security Lockdown Kit, Button with Shield, Back Box, Adapter, and Lockdown Label	10	496.00	4,960.00
Entry Control System	Bosch: Intrusion Detection Control Panel, PC Board Only, Replacement for B series	6	485.00	2,910.00
Entry Control System	Day Automation: Ethernet Web Enabled Relay Kit that interfaces with Security and Building Automation Systems. Includes relay and programming of relay.	11	453.00	4,983.00
Entry Control System	Bosch: REMOTE PROGRAMMING SOFTWARE LITE KIT FOR BOSCH INTRUSION PANELS,CD & USB-KEY	5	344.00	1,720.00
Entry Control System	Altronix: NAC Power Extender, 4 A @ 120 Vac In, 2.5 A @ 24 Vdc per Output, on-board strobe sync	5	272.00	1,360.00
Entry Control System	HID: iClass/multiClass SE R40/RP40 Reader, HID Prox, Legacy, Wiegand, Black	7	252.00	1,764.00
Entry Control System	Day Automation: Monitoring - 1-year	6	206.00	1,236.00
Entry Control System	Bosch: Bosch G Series Keypad, 4 Wire Combus Powered, White, 0.25A at 12VDC	13	188.00	2,444.00
Entry Control System	Bosch: BOSCH G SERIES KEYPAD, 4 WIRE COMBUS POWERED, OFF-WHITE, .25A @ 12VDC	3	188.00	564.00

Smart Schools Investment Plan - Revised - Smart Schools Phase 2

High-Tech Security Features

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Entry Control System	Altronix: 12 OR 24 VDC 2.5 AMP POWER SUPPLY AND ENCLOSURE	8	170.00	1,360.00
Entry Control System	Bosch: ATM Style Alpha-Numeric Keypad, SDI2 Bus, 80 mA In-Alarm (req. V2.00 G-Series Panel)	5	132.00	660.00
Entry Control System	Day Automation: Exterior Blue Strobe Light	40	128.00	5,120.00
Entry Control System	Shure: USB Condenser Microphone, Black w/Red Foam, Micro-B-to-USB cable	6	126.00	756.00
Entry Control System	Alarm Controls: DESKTOP DOOR CONTROL CONSOLE, 4 N.O. PUSHBUTTONS, 8 ft. CABLE AND RJ31X JACK	4	119.00	476.00
Entry Control System	Bosch: 8 Relay Module for SDI2, Form C, 1 A @ 5-24 Vdc, Modular Interconnect	6	83.00	498.00
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	Microsoft: LifeCam Studio 1080p HD Webcam, for Badging	1	79.00	79.00
Entry Control System	Bosch: Octo-Input Module, SDI2 Bus, 1000 ft. Max on 4C 18 AWG	33	75.00	2,475.00
Entry Control System	Bosch: Passive Infrared REX, 12-30Vdc @ 26mA, Surface Mount, Form C Contacts	8	61.00	488.00
Entry Control System	Bosch: Popex Module for up to 100 POPITs, SDI2 bus comm to Intrusion Control Panel	6	58.00	348.00
Entry Control System	HID: Fargo Cleaning Kit for DTC Printers	1	44.00	44.00
Entry Control System	Nascom: 1 in. Recessed Door Contact with 2k Ohm Embedded Resistors & 2nd Reed, Wide-Gap, N.C. Loop	39	41.00	1,599.00
Entry Control System	Bosch: Plug-In Telephone Communicator	6	38.00	228.00
Entry Control System	Nascom: 1 in. Recessed Door Contact with Second Reed, Wide-Gap, N.C. Loop	19	35.00	665.00
Entry Control System	Sunpak: 6601UT Tripod with 3-Way Pan/Tilt Head (Quick Release),	1	31.00	31.00

Smart Schools Investment Plan - Revised - Smart Schools Phase 2

High-Tech Security Features

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
	Supports 4.4 lb (2 kg)			
Entry Control System	Bosch: UNIVERSAL ENCLOSURE	9	29.00	261.00
Entry Control System	Bosch: 16x16x3.5 in. White Steel Enclosure for B8512G Control Panels	1	29.00	29.00
Entry Control System	Alarm Controls: Under Counter Door Release Button, Momentary, SPDT, 4A @ 24Vdc Rated	2	28.00	56.00
Entry Control System	Altronix: Voltage Regulator, 24Vac/dc to 12Vdc @ 1A, with Terminal Block	4	27.00	108.00
Entry Control System	Altronix: 8 Fused Output Power Distribution Module	11	25.00	275.00
Entry Control System	HP: S3100 USB PC Speakers, Black	6	24.00	144.00
Entry Control System	HP: S3100 USB PC Speakers, Black	5	24.00	120.00
Entry Control System	Powersonic: 12 Vdc 7 AH Battery	30	23.00	690.00
Entry Control System	Bosch: G Series POPIT/CIM Module, No Tamper	11	21.00	231.00
Entry Control System	Nascom: 1 in. Recessed Door Contact with 2k Ohm Embedded Resistors, Wide-Gap, N.C. Loop	6	20.00	120.00
Entry Control System	Functional Devices: RIB Relay, 10A, SPDT, 10-30Vac/dc 120Vac Coil	45	15.00	675.00
Entry Control System	Nascom: 1 in. Recessed Door Contact, Wide-Gap, N.C. Loop	157	14.00	2,198.00
Entry Control System	Bosch: CONDUIT BACKBOX COMMAND CENTER OFF-WHITE	16	9.00	144.00
Entry Control System	Bosch: 120VAC PLUG-IN TRANSFORMER FOR BOSCH G SERIES PANELS, 40VA @ 16.5VAC	1	9.00	9.00
Entry Control System	Bosch: Keypad Trim Bezel for B930 Keypad	5	8.00	40.00
Entry Control System	Revere Industries: UL RJ31X Block and Cable Kit	6	3.00	18.00
Entry Control System	Bosch: STANDARD ENCLOSURE LOCK AND KEY SET	1	3.00	3.00
Entry Control System	Bosch: Trim Plate for Mounting DS160 REX	8	1.00	8.00
Electronic Security System	Installation of safety equipment	1	500,906.00	500,906.00
Electronic Security System	Professional Services for System Engineering/System Programming/Proj Management/Checkout	1	164,215.00	164,215.00

Smart Schools Investment Plan - Revised - Smart Schools Phase 2

High-Tech Security Features

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Other Costs	Archiitect and Planning Fees	1	90,000.00	90,000.00
Electronic Security System	Project Contingencies	1	90,000.00	90,000.00
Electronic Security System	Avigilon Enterprise Web Vased PACS Virtual Appliance for 128 Readers V6	1	7,458.00	7,458.00
Entry Control System	HID Iclass PVD 100	1	394.00	394.00
		1,888	957,581.00	1,376,818

6. If you have made an allocation for High-Tech Security Features, complete this table. 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	1,194,548.00
Entry Control System	92,270.00
Approved Door Hardening Project	0.00
Other Costs	90,000.00
Totals:	1,376,818.00

Smart Schools Investment Plan - Revised - Smart Schools Phase 2

Non-Public Schools

1. Describe your plan to utilize SSBA funds to purchase devices and loan to the nonpublic schools within your district. Please specify what devices have been requested by the nonpublic schools. If the nonpublic schools have not finalized requests, the district should provide the date nonpublic schools will submit the request by.

(No Response)

2. A final Smart Schools Investment Plan cannot be approved until school authorities have adopted regulations specifying the date by which requests from nonpublic schools for the purchase and loan of Smart Schools Bond Act classroom technology must be received by the district.

By checking this box, you certify that you have such a plan and associated regulations in place that have been made public.

- 2a. Please enter the date each year nonpublic schools must request loanable items from the school district. This date cannot be earlier than June 1 of the previous school year.

(No Response)

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	2,559	287	2,846.00	10.08

4. Nonpublic Loan Calculator

	Loanable School Connectivity	Loanable Classroom Technology	Additional Nonpublic Loan (Optional)	Estimated Per Pupil Amount - This Plan	Previously Approved Per Pupil Amount(s)	Cumulative Per Pupil Loan Amount	Final Per Pupil Loan Amount - This Plan	Final Total Loan Amount - This Plan
Required Nonpublic Loan	0.00	0.00		0.00	124.88	124.88	0.00	0.00
Final Adjusted Loan - (If additional loan funds)	0.00	0.00	(No Response)	0.00	124.88	124.88	0.00	0.00

5. Nonpublic Share

	Final Per Pupil Amount	Final Nonpublic Loan Amount
Pending and Previously Approved Plans	124.88	35,839.70
This Plan	0.00	0.00
Total	124.88	35,839.70

6. Distribution of Nonpublic Loan Amount by School

Nonpublic School Name	2018-19 K-12 Enrollment	Special Ed School? If Yes, not eligible
CORTLAND CHRISTIAN ACADEMY	132	No
ST MARY'S SCHOOL	99	No
VICTORY CHRISTIAN ACADEMY	23	No

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

Smart Schools Investment Plan - Revised - Smart Schools Phase 2

Non-Public Schools

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