

Smart Schools Investment Plan - 2016-17 Version (Original) - Preliminary

SSIP Overview

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

Joe 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.

First submission

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

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

 District Educational Technology Plan Submitted to SED and Approved

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

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

-
- Parents
-
-
- Teachers
-
-
- Students
-
-
- Community members

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

-
- Yes
-
-
- No
-
-
- N/A

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

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

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

Union Springs BOE Presentation.pdf

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

<http://www.unionspringscsd.org/districtpage.cfm?pageid=685>

- 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.

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- 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:

\$822,347

- 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	249,912
Connectivity Projects for Communities	0
Classroom Technology	174,202
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	102,238
Totals:	526,352

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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.

Union Springs Central School currently receives Internet connectivity through the Onondaga Cortland Madison Regional Information Center. Their buildings are connected via fiber and they have a capacity for 1 gigabit of throughput. This exceeds the requirement from the calculator below.

- 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	428	42,800	42.8	1000	1000	(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.

The Union Springs Central School District wishes to expand the availability of traditional computer stations and the use of personal devices for the students at A.J. Smith Elementary School. The district is consolidating elementary buildings to provide better services and expand student opportunities.

The primary function of this application is to provide the infrastructure that this building will require for this program.

The district has worked with Onondaga Cortland Madison Regional Information Services to identify the optimal services for this building. Their goal is an "always on" system. Students can work with any device, in any location, at any time.

The district has identified appropriate locations for wireless access points as well as traditional, hard wired equipment locations..

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

Union Springs Central Schools is in a rural part of New York State. Opportunities for diversified programs is somewhat limited. The teachers hope to use digital technology through personal and district devices to expand the offerings to the students. Students will be able to participate in Google Hang Outs with other students or instructors throughout New York or any where else for new collaborations. The students will be able to access on-line resources, and presentations that are appropriate to their individual instructional programs.
With the expansion of the wired and the wireless network, students will not be limited by capacity or location to learning.

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.

During the spring of the 2015-2016 school year, district officials, King & King Architects, and IBC Engineering consulted with Onondaga Cortland Madison RIC personnel to review the plans for construction at A. J. Smith Elementary. Reviewing projected maximum class sizes, building structure, and device requirements, this plan was developed.
The district has had adequate band width at A. J. Smith, now they will have the switches, wired computer drops, and wireless access points to deliver the service.

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
05-19-01-04-0-006-012

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
Jason Benedict	312111

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	34,046
Outside Plant Costs	0
School Internal Connections and Components	215,866

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School Connectivity

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	Sub-Allocation
Professional Services	0
Testing	0
Other Upfront Costs	0
Other Costs	0
Totals:	249,912

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

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Network/Access Costs	WS-C2960X-48FPD-L	1	3,718	3,718
Network/Access Costs	WS-C2960X-48FPS-L	7	3,067	21,469
Connections/Components	C2960X-Stack	8	556	4,448
Connections/Components	Cable drops	362	435	157,470
Connections/Components	Meraki MR34-HW Access points	45	700	31,500
Connections/Components	Fiber Backbone Wiring	1	7,500	7,500
Network/Access Costs	7 ft. component rack	2	361	722
Network/Access Costs	7 ft Server cabinet	1	1,025	1,025
Network/Access Costs	5000 VA UPS	2	3,556	7,112
Connections/Components	UTP Patch Panels	353	16	5,648
Connections/Components	Installation of Promethean ActivBoard	31	300	9,300

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

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

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

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

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Community Connectivity (Broadband and Wireless)

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

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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.**

Union Springs Central School currently has appropriate band width for the students at A.J. Smith Elementary School that is the primary focus of this application.
 The building has 1 gigabit internet service provided through the Onondaga Cortland Madison Regional Information Center. As a component of the School Connectivity portion of this application, the district will be upgrading all the switches in this building AND installing new wireless access points with the funds requested in this grant. At the conclusion of this project, ALL classrooms and public areas will have adequate capacity for a "one-to-one" project or a "bring your own device initiative"

- 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	428	42,800	42.8	1000	1000	(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.**

The Union Springs Central School District has worked with King & King Architects, IBC Engineering, P.C., and Onondaga Cortland Madison Regional Information Center staff to review all of the existing and new spaces planned for this building. IBC reviewed the maximum student and staff population in those spaces and developed a design to support 21st century learning in those spaces. The district currently has an iPad program and hopes to expand both the number of iPads at the early childhood classrooms and the use of Chrome Books at the intermediate classrooms. This application reflects that recommendation.

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

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

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

In the Classroom Technology portion of this application, Union Springs Central Schools wishes to install Interactive White Boards in all classrooms. These boards will allow multimedia presentation for all students, both regular ed and students with disabilities. The capital project that is proposed for this building will guarantee that there is adequate power and structural integrity for the installation of these units.

6. **Describe how the proposed technology purchases will:**
- > enhance differentiated instruction;
 - > expand student learning inside and outside the classroom;
 - > benefit students with disabilities and English language learners; and
 - > contribute to the reduction of other learning gaps that have been identified within the district.

The expectation is that districts will place a priority on addressing the needs of students who struggle to succeed in a rigorous curriculum. Responses in this section should specifically address this concern and align with the district's Instructional Technology Plan (in particular Question 2 of E. Curriculum and Instruction: "Does the district's instructional technology plan address the needs of students with disabilities to ensure equitable access to instruction, materials and assessments?" and Question 3 of the same section: "Does the district's instructional technology plan address the provision of assistive technology specifically for students with disabilities to ensure access to and participation in the general curriculum?")

The Interactive Displays in this proposal are for all classrooms, regular education and special education. All classrooms with students will have current wireless, displays, personal devices.

For specific students with disabilities, any technology requirements identified in their individual educational plan, or identified as a recommendation for the special education classrooms are provided through district funding or high impact New York state funding.

For example, a teacher of students with limited English proficiency, ELL students, could easily use Google Apps for Education as a translation tool.

Primary Source documents in the native language are often available through Internet searches. In a classroom activity the instructor or the students can translate primary source documents from their native language to English and from English back to the native language.

ELL students could also use the voice synthesis software to pronounce English translations on the presentation board.

Special Education teachers and teachers in the early grade levels can use a web site called Starfall. (www.starfall.com) This web site is specifically compatible with interactive boards to allow groups of students or individual students to manipulate letters, shapes and numbers to reinforce instruction.

In a Special Education Classroom teachers could use School Island to target remedial instruction to students at risk of failing high stakes tests

General Education students can use the interactive pens to solve math problems, they can use the supporting "clickers" to respond to survey questions in class activities, and they can quickly peer review documents for class activities.

Math and Science teachers can use graphing software to support classroom lab assignments, and X, Y graphing problems.

The impact of a Youtube.com video on an early grade Natural Science lesson or a video like Liberty's Kids in the Humanities can have a strong impact.

It is the goal of the Union Springs School District that Every child be successful. The technology plan supports the expectation that a lack of technology equipment will not be used as justification for a student failing to achieve this.

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Classroom Learning Technology

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

This purchase does not impact ongoing communication with parents. Union Springs Central Schools does have a very active Parent Portal as a component to the School Tool student management system. Parents have real time access to student attendance, assignments, grades, and discipline. Any parent can contact the appropriate staff member directly from their child's School Tool portal. The displays proposed for this purchase can easily utilize USB cameras that the district already purchased to the support virtual field trip and distance learning opportunities in every classroom. Students can work with content providers to experience specific animal groups while studying natural sciences, visit museums, or interview primary sources such as political candidates and office holders. Now every room will have this capability without the limitations of expensive dedicated rooms with complicated schedules or complicated cameras. Staff members recently observed a class that interviewed characters from history including Ben Franklin, Abraham Lincoln and Madam Currie via distance learning. A near by district has used a room with this equipment to observe an autopsy for their forensic class or even work with a guest adjudicator from a major music college.

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."

Union Springs Central Schools is a member of the Cayuga Onondaga BOCES and the Onondaga Cortland Madison Regional Information Center. Through those agencies, the district has adequate opportunity to the Interactive White Board training that is most appropriate. Classes include Interactive White Boards, Essential Digital Resources, Using Google Apps for Education in the classroom, and Creating Digital Formative Assessments. This March, Model Schools is offering Critical Thinking through Digital Coding. The district has a number of staff members who were early adopters of this technology. These staff members are available for peer consultation and integration into specific instructional areas. The district is committed to use their Federal Title 2 funds for any additional training that may be required and to provide substitutes allowing teachers release time if their supervisor deems that most appropriate.

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

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

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

SUNY Cortland

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

(607) 753-2011

- 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.**

Chris Widdall

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Classroom Learning Technology

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

Are there nonpublic schools within your school district?

- Yes
- No

- 10a. Describe your plan to loan purchased hardware to nonpublic schools within your district. The plan should use your district's nonpublic per-student loan amount calculated below, within the framework of the guidance. Please enter the date by which nonpublic schools must request classroom technology items. Also, specify in your response the devices that the nonpublic schools have requested, as well as in the in the Budget and the Expenditure Table at the end of the page.

The Union Springs Central Schools has reached out to the Union Springs Academy and Frontenac Seventh Day Adventist School to include them in the planning for this application. Their preliminary plan is to purchase Dell laptops and Acer Chrome books that are reflected in this application. Union Springs Academy has \$79 remaining in their allocation based on the current price of the laptops. This is reflected in the allocation calculator, but they haven't identified a \$79 expenditure. The Non-public partners will be providing their requests by July 1 of every year for the following year.

- 10b. A final Smart Schools Investment Plan cannot be approved until school authorities have adopted regulations specifying the date by which requests from nonpublic schools for the purchase and loan of Smart Schools Bond Act classroom technology must be received by the district.

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

- 11. Nonpublic Classroom Technology Loan Calculator

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

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

	1. Classroom Technology Sub-allocation	2. Public Enrollment (2014-15)	3. Nonpublic Enrollment (2014-15)	4. Sum of Public and Nonpublic Enrollment	5. Total Per Pupil Sub-allocation	6. Total Nonpublic Loan Amount
Calculated Nonpublic Loan Amount	174,202	817	66	883	197	13,002

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

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

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

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

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

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Classroom Learning Technology

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	Sub-Allocation
Interactive Whiteboards	155,000
Computer Servers	0
Desktop Computers	0
Laptop Computers	12,328
Tablet Computers	0
Other Costs	6,874
Totals:	174,202

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

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

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

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

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be Purchased	Quantity	Cost per Item	Total Cost
Interactive Whiteboards	Promethean Active Board 587	31	5,000	155,000
Other Costs	Promethean Cables and Connectors including HDMI, USB, 1/8 audio	31	200	6,200
Laptop Computers	Non-Public School devices Latitude 3380 including Windows 10 Pro,	17	644	10,948
Laptop Computers	Non-Public School Devices Acer C731-C8VE 4G Chromebook	6	230	1,380
Other Costs	Non-Public School Dell Urban Laptop Backpack	17	35	595
Other Costs	Non-Public Unallocated allowance	1	79	79

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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)

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High-Tech Security Features

Page Last Modified: 02/09/2018

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.

It is the goal of every school district to provide their students with a safe environment for learning. With the renovation of A. J. Smith Elementary School, Union Springs has an opportunity to make every effort to accomplish this goal. The district will be installing digital cameras and a recording system to monitor the campus and the visitors to that site. They are also installing a mass notification system that provides for digital signage in multiple hall locations. These sign units will display digital messages in the event of an intruder or other disruptive events. They will also be attached to additional hall speakers and the building system to notify staff and students of dangerous situations or instructions on how to proceed during those events. Finally, the access controls on the doors will be upgraded to provide remote access control on all outside doors. This system will not only control who has access to the building, it will also have an emergency lock down system that immediately locks all outside access to the building, and records who and when people actually enter the building.

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
05-19-01-04-0-006-012

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	312111

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)	0
Electronic Security System	57,938
Entry Control System	44,300
Approved Door Hardening Project	0
Other Costs	0
Totals:	102,238

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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High-Tech Security Features

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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
Entry Control System	Access Control Door	3	4,800	14,400
Entry Control System	Existing Access Control Door Conversion including door contacts, relay release and control units	4	1,700	6,800
Entry Control System	Door Status Monitor computer and 30 inch video monitor	1	1,200	1,200
Entry Control System	Red Card Lock Down System including panic interface swipe locations and 200 activation mag cards	1	3,000	3,000
Entry Control System	ADA Door Access Control	1	1,500	1,500
Electronic Security System	Network Video Recording Server	1	15,000	15,000
Electronic Security System	IPCDS-RWB-IC Two Sided Hall Mass Notification Device	9	1,470	13,230
Electronic Security System	IPSIGNL-RWB-IC 54 inch Large Group instruction Room Mass Notification Device with speaker, strobe, and digital messaging	2	1,568	3,136
Electronic Security System	IPTA-IC50 Informacast Mass Notification system 50 licenses	1	2,722	2,722
Electronic Security System	Informacast mass notification speakers	9	1,900	17,100
Electronic Security System	16L-H4PRO-B 5K (16 MP) H.264 HD Pro with LightCatcher Technology 16MP Exterior Security Camera	1	6,750	6,750
Entry Control System	Installation and configuration of door devices	1	15,000	15,000
Entry Control System	Labor for existing door conversion	1	2,400	2,400

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PPU Report
