Smart Schools Investment Plan - 2016-17 Version (Original) - MM SSBA 2016-17

SSIP Overview

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

John-Henry Lane

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

315-822-2831

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

jlane@mmcsd.org

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 occured as part of a normal Board meeting, but adequate notice of the event must have been provided through local media and the district website for at least two weeks prior to the meeting.
☑ The district prepared a final plan for school board approval and such plan has been approved by the school board.
☑ The final proposed plan that has been submitted has been posted on the district's website.

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SSIP Overview

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.**

MM Smart School Investment Plan July 2016.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.**

www.mmcsd.org

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

1,300

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

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

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

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

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

(No Response)

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

$1,478,088

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	475,560
Connectivity Projects for Communities	0
Classroom Technology	515,000
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	297,490
Totals:	**1,288,050**

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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.

   The district currently has a 1GB incoming line, as provided through our contract agreement with the Mohawk Regional Information Center and Time Warner. Thus, according to the speed calculator, we do not require a waiver.

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

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

2. **Connectivity Speed Calculator (Required)**

	Number of Students	Multiply by 100 Kbps	Divide by 1000 to Convert to Required Speed in Mb	Current Speed in Mb	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	1,100	110,000	110	1000	(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.**

   The strength of our plan is only as strong as the network upon which the plan is built. A significant portion of the plan focuses on new network wiring, new wifi access points, switches and servers. While the speed of our network is strong, these upgrades will accommodate more student and teacher devices and allow new devices to work at their intended speed.

   Most of the infrastructure work will be completed in phases I and II of the plan. Upgrades in the network will allow more students, including students with special needs, ELL students, as well as at risk students and non- traditional learners (adult education programs), to use devices intended to engage in standards based learning, support teacher use of differentiated instruction, and support Response to Intervention (RTI) and Academic Intervention Service (AIS) responses. Network upgrades will also facilitate differentiated instruction as additional resources will be introduced into the classroom via the internet or instructional devices that seek to address gaps between students learning levels.

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?)**

Mount Markham CSD plans to use digital connectivity and technology to create, develop and expand the skill sets of both teachers and students. Our investment in school connectivity will expand our ability to support classroom instruction in every content area with instructional technology tools. iIn addition, the investment in school connectivity supports district and classroom efforts to differentiate instruction using technology tools and online resources and internet based applications.

Strengthening our network, via additional access points, updating older access points, new switches and servers will support the instructional program by providing teachers and administrators with more access opportunities as well as the ability to add the use of iPads, Chromebooks, laptops, and PC's to support instruction and professional development.

We will continue to provide staff with a variety of professional development opportunities to expand their technology integration literacy. Examples will include Google Apps for Education, Lego Robotics, 3D Printing, Digital Citizenship, and more. This will encourage and empower our teachers to leverage the available technology in a way that best supports their instruction and the learning of our students.

Investments in school connectivity will support more access points and more devices being able to access the network. The investments outlined in school connectivity will strengthen our internal network and support future expansion.

Some of the ways that the school connectivity investment will support curriculum and instruction include:

1. Teachers will receive training on how to integrate Google Apps for Education to support their instruction; increased school connectivity will allow us to have each teacher use an iPad, Chromebook or PC to access the internet to receive this training; in turn, increased access points will allow classroom teachers to share access to Google Apps with their students;

2. Increased bandwidth will allow us to integrate digital printers into several areas of the curriculum. Improved school connectivity will allow digital printers to support technology class in our middle school as well as our Design, Drawing and Production classes in the high school.

3. The opportunity for classroom teachers to have expanded wifi access in their classrooms throughout our campus provides the district with the opportunity to promote and educate our students regarding their role as digital citizens. An important function of this learning will focus upon safe access and sharing as well as identifying credible sources of information.

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 district continues to work with the Mohawk Regional Information Center, as well as an outside consulting firm, to make sure that we are building out a robust wireless network to support additional devices. A current capital project includes the running of new data lines for the future installation of additional access points, which will be purchased through the SSBA. We're also factoring in the addition of network upgrades, both to network switches and data closet capacity.

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
7-999-002
7-999-BA1

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

    Was your project deemed eligible for streamlined review?

    No

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

Name	License Number
James R. King	15925

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	402,060
Outside Plant Costs	0
School Internal Connections and Components	72,000
Professional Services	0
Testing	1,500
Other Upfront Costs	0
Other Costs	(No Response)
Totals:	**475,560**

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
Connections/Components	Fiber Capacity/Network Upgrades at Each Building's main network closet (Elem, MS, HS)	3	9,000	27,000
Network/Access Costs	Wifi Access Points	110	700	77,000
Network/Access Costs	Network Electronics-switches	40	5,000	200,000
Connections/Components	Telecom Closets: Secure room with ventilated room for switches, patch panels, UPS systems.	3	15,000	45,000
Network/Access Costs	UPS Systems for Backup Power in each building (Elementary, Middle School, High School)	3	25,686	77,060
Network/Access Costs	Climate control upgrades for main district network operation center: Cooling, ventilation, backup power	1	48,000	48,000
Testing	network connectivity testing	1	1,500	1,500

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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. **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.

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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Community Connectivity (Broadband and Wireless)

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

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.

The district currently has a 1GB incoming line, as provided through our contract agreement with the Mohawk Regional Information Center and Time Warner.

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

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

2. **Connectivity Speed Calculator (Required)**

	Number of Students	Multiply by 100 Kbps	Divide by 1000 to Convert to Required Speed in Mb	Current Speed in Mb	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	1,100	110,000	110	1000	(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.

The district continues to work with the Mohawk Regional Information Center, as well as an outside consulting firm, to make sure that we are building out a robust wireless network to support additional devices. A current capital project includes the running of new data lines for the future installation of additional access points, which will be purchased through the SSBA. We're also factoring in the addition of network upgrades, both to network switches and data closet capacity.

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.**

   The Classroom technology investment will include the purchase of additional iPads, Chromebooks, Windows and Apple computers, interactive whiteboards and projectors. These devices will be compatible with our current network software. Our study has indicated that additional devices can be supported by each facilities electrical and HVAC systems, and will be supported by our school connectivity investment, which will be adding additional access points and upgrading our network connectivity capabilities.

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

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

   The proposed classroom technology purchases will reach and enhance the instruction of all students. Great effort has been made to make sure that these devices fit the needs of any student, along with the needs of the teachers.

   All Students and teachers will use Chromebooks and iPads to access instructional applications such as Google Apps for Education, Accelerated Reader, Accelerated Math, computer aided design, and a multitude of other applications to support classroom instruction and learning.

   Devices and applications will be used to support special education and ELL students. Applications that read text and convert text from English to Spanish are two examples of how classroom technology investments will be used to support these students. Students with special needs as well as ELL's will access Microsoft Word as well as other Office applications will support student reading and writing skills as well as communication and presentation skills.

   Classroom technology will support all general education classes. All students K-8 will use Chromebooks or PC's to complete STAR enterprise benchmark testing. These data provide valuable instructional supports that classroom teachers, students and parents can use to promote student growth. The same devices are used in general education classrooms to access internet based applications and information in support of research and writing programs.

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.**

   By expanding the use of applications such as FaceTime and Skype, classroom technology can expand parent involvement in conferences; in addition, using applications such as WebConnect to allow parents to connect with teachers via their home computer can enhance this communication. Additional classroom technology such as iPads and Chromebooks will create opportunities for distance learning and online learning. Access to programs such as virtual field trips, virtual museums and supplemental academic programs such as Kahn Academy will be supported by the additional investment in classroom technology.

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."

   As Mount Markham CSD continues to prepare students for the 21st Century, effective, meaningful, timely and relevant professional development are an absolute necessity for our K-12 staff. Professional development courses will be provided internally by the technology coordinator, instructional support specialist and turn key trainers where appropriate. The District will also promote and utilize regional programs such as Model Schools to successfully meet the professional development needs of the K-12 staff.

   Examples of our ongoing professional development schedule is below. These topics are based around the addition of devices, and the instructional practices that go with them.

Topics	Audience	Method of Delivery
Google Apps for Education	K-12 Teachers, Administration	Face to Face
Flipped Classroom Concepts	K-12 Teachers	Face to Face
Paperless Classrooms	7-12 Teachers	Face to Face, Webinar
Elementary Robotics	K-4 Teachers	Face to Face
STEAM, 3D Printing	7-12 Teachers	Face to Face, Webinar
Digital Citizenship Best Practices	K-12 Teachers, Students	Face to Face
iOS App Integration	K-12 Teachers	Face to Face, Webinar

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 Oneonta

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

   607-436-2630

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

   Dr. Elaine Lawrence

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.**

Faith Christian School, through collaboration with their lead administrator/teacher, has communicated the classroom technology that they wish to be loaned, in the form of two laptops and a projector. This equipment will be loaned to Faith Christian School on a yearly basis, beginning on/or around September 1st, and concluding on/or around June 30th. The equipment will be updated over the summer, and ready to be loaned out again for the following school year. Any additional communication regarding the loaned equipment will be shared via email by June 30th of each school 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	515,000	1,060	11	1,071	250	2,750

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

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

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

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

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

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

	Sub-Allocation
Interactive Whiteboards	140,000
Computer Servers	(No Response)

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Classroom Learning Technology

	Sub-Allocation
Desktop Computers	65,000
Laptop Computers	160,150
Tablet Computers	135,000
Other Costs	14,850
Totals:	**515,000**

15.   **Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be capital-bond eligible to be reimbursed through the SSBA. If you have any questions, please contact us directly through smartschools@nysed.gov.**
Please specify in the "Item to be Purchased" field which specific expenditures and items are planned to meet the district's nonpublic loan requirement, if applicable.
NOTE: Wireless Access Points that will be loaned/purchased for nonpublic schools should ONLY be included in this category, not under School Connectivity, where public school districts would list them.
Add rows under each sub-category for additional items, as needed.

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	TEQ Smartboard 6000 Series (65 inch)	35	4,000	140,000
Desktop Computers	Dell Desktop, 3020 Model (or similar), NYS Contract	100	650	65,000
Laptop Computers	Chromebook (Dell or HP, 11 inch)	494	250	123,500
Tablet Computers	iPad Pro, 10.5 inch, Wi-Fi Only	225	600	135,000
Other Costs	Epson 98H (or similar) Projector	25	550	13,750
Laptop Computers	Apple MacBook	35	1,000	35,000
Laptop Computers	*Non-Public* Dell Latitude 5480 Model (or similar)	2	825	1,650
Other Costs	*Non-Public* Epson 98H (or similar) Projector	2	550	1,100

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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 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

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

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

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.**

The safety of our students, faculty and staff is paramount. A key opportunity exists with Smart Schools funding to strengthen our campus security through the installation of digital camera monitoring systems, and upgraded access control systems. In addition to work that's already ongoing as part of a district capital project, through smart schools funding, we hope to replace analog video cameras with IP based cameras, centralize storage of the recorded data, and add additional cameras to locations around the district. We also hope to upgrade our access control system, moving to a unified software that ties in with our security camera software. The result will be a more efficient and secure solution, allowing the district to better monitor points of entry, user access, etc.

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
7-999-002
7-999-BA1

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
James R. King	15925

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

	Sub-Allocation
Capital-Intensive Security Project (Standard Review)	(No Response)
Electronic Security System	229,000
Entry Control System	64,990
Approved Door Hardening Project	(No Response)
Other Costs	3,500
Totals:	**297,490**

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

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	security cameras	60.00	2,500	150,000
Electronic Security System	Network Video Recorders	2.00	20,000	40,000
Electronic Security System	Cabling Runs/Line Terminations for any new cameras being installed (per building)	3.00	3,000	9,000
Electronic Security System	Switch: Dedicated to IP Cameras	6.00	5,000	30,000
Entry Control System	Access Control System: Door Swipe Card Access Control Devices	41.00	1,200	49,200
Entry Control System	Access Control System: Server	1.00	6,000	6,000
Entry Control System	IP Intercoms - Axis: A8004-VE IP Video Door Station, 2-way Communication w/Remote Entry Control	3.00	1,500	4,500
Entry Control System	IP Intercoms - Axis: 2N Helios IP Force External IP Relay, 4 Outputs, PoE	3.00	300	900
Entry Control System	IP Intercoms - Samson: Go Mic Portable USB Microphone with Software	3.00	100	300
Entry Control System	IP Intercoms - Insignia: 2.0 Stereo Computer Speaker System (2-piece), Black	3.00	30	90
Other Costs	IP Intercoms - Professional Services for Engineering/Programming/Proj Management/Checkout	1.00	3,500	3,500
Entry Control System	IP Intercoms - Installation	1.00	4,000	4,000