Smart Schools Investment Plan - 2016-17 Version (Original) - Phase I - Infrustructure

SSIP Overview

Institution ID
800000040003

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

Steven Roux

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

315-963-5805

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

sroux@mexicocsd.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.

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.

SSBAPresentation16Updated0319.pptx

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.mexicocsd.org/domain/37

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.

2,247

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:

$2,600,632

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	296,559
Connectivity Projects for Communities	0
Classroom Technology	752,675
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	71,018
Totals:	**1,120,252**

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.

We currently meet this requirement with contracted 24/7 firm services which is purchased through the Central New York Regional Information Center. This service from the CNYRIC provides ample bandwidth for our 2,247 students.

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	2,247	224,700	224.7	250	300	Already meet this requirement

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

1. We will be building out the inter-building fiber connections to 10 Gbps. As we have a centralized ISP connection, this will alleviate congestion between buildings allowing all schools to achieve full internet speeds.
2. We will be upgrading existing Cisco 1142 (802.11n) access point to Cisco 2702 (802.11ac) to increase wireless bandwidth. We will also be adding additional wireless infrastructure to outdoor spaces.

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?)

Over the last 5 years, Mexico Academy has worked diligently to enhance student learning by bringing innovative instructional technologies and pedagogues to the MACS classroom through our Blended Learning program. In this endeavor, we have provided teachers training in the respond to the needs of the 21st Century learner, we have model best practices in the use of Blended Learning strategies to improve student achievement, and have engage students in technology-enriched activities that are authentic, multidisciplinary, and directly related to academic standards.
Currently, approximately 40% of our teachers have participated in extensive and on-going training in this model. As a testament to our commitment to this process, we are adding approximately 15 teachers each year, with the intent to eventually have all of our teachers trained in this model.
Our model focuses on the use of technology as a tool for engaging students in meaningful learning experiences. While technology instruction is not the primary purpose, we recognize the importance of using current methodologies that are so prevalent in the lives of our students. We believe that this will increase their engagement in learning new content. Our educational goal is to focus on working with the student to develop the foundational skills to seek, identify and analyze content, with increasing independence over time, using current technologies. This is not an overnight process by any means. Both teachers and students must begin to understand how they play these new roles in learning, prior to it becoming effective in the learning environment.

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.

1. We have commissioned several site surveys to ensure proper wireless coverage for indoor spaces.
2. We have built out or wireless infrastructure over time and have gathered statistics on current infrastructure including concurrent sessions and available bandwidth. As areas approach high utilization, we expand the wireless or re-position APs to suit the needs of that particular area.
3. During our last expansion, we moved to Cisco 2702 APs to accommodate the 802.11ac standard. We plan to use Smart Schools' funds to upgrade the remaining Cisco 1142 access points that do not support the 802.11ac standard.

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
46-09-01-06-7-999-BA1
46-09-01-06-0-004-BA1
46-09-01-06-0-001-BA1
46-09-01-06-7-999-BA2

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

Was your project deemed eligible for streamlined review?

Yes

7a. Districts that choose the Streamlined Review Process will be required to certify that they have reviewed all installations with their licensed architect or engineer of record and provide that person's name and license number. The licensed professional must review the products and proposed method of installation prior to implementation and review the work during and after completion in order to affirm that the work was code-compliant, if requested.

☑ I certify that I have reviewed all installations with a licensed architect or engineer of record.

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

Name	License Number
Joseph Kosiorek	30219274

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	91,479
Outside Plant Costs	27,342
School Internal Connections and Components	167,919
Professional Services	(No Response)
Testing	0
Other Upfront Costs	0
Other Costs	9,819
Totals:	**296,559**

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	Storage Array	1	30,682	30,682
Network/Access Costs	PowerEdge VRTX Chassis	1	9,920	9,920
Network/Access Costs	PowerEdge M640 Servers	2	5,049	10,097
Connections/Components	Array Installation	1	5,951	5,951
Connections/Components	Assorted Fiber Connection Hardware	1	5,056	5,056
Outside Plant Costs	Fiber Installation	1	13,621	13,621
Connections/Components	10gb Fiber Upgrade - Hardware	1	9,589	9,589
Connections/Components	10gb Fiber Installation	1	23,940	23,940
Outside Plant Costs	Re-labeling/certify existing cat5/6 cables	1	13,721	13,721
Connections/Components	Intermediate Data Facility Hardware	1	8,809	8,809

School Connectivity

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	IDF Installation	1	9,574	9,574
Network/Access Costs	Cisco Aironet AP2802I	69	591	40,779
Other Costs	Contingency Costs	1	9,819	9,819
Connections/Components	Smartboard Installation	175	600	105,000

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)

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.

We currently meet the 100 Mbps standard by contracting with the Regional Information Center or OCM BOCES. We currently meet this requirement with contracted 24/7 firm services which is purchased through the Central New York Regional Information Center. This service from the CNYRIC provides ample bandwidth for our 2,247 students.

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	2,247	224,700	224.7	250	300	Already meet the minimum requirement.

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.

We had recently completed a wireless density project to ensure that all instructional areas and common areas of buildings have wireless wireless access that supports enhance digital learning at all levels. Key users of our wireless are our over 60 Blended Learning teachers who use technology as a part of their daily instruction.

- Deployed 152 802.11 N and AC Access Points throughout the district using site surveys to ensure full coverage for all learning spaces.
- Monitor Access Point performance through PRIME Infrastructure to ensure proper performance.
- 1Gb uplink from each AP to current wired network.
- 240 Mbps of Internet bandwidth with approximate peak usage around 170 Mbs.

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 this phase, Mexico Academy will be investing in an upgrade of our aging SmartBoards. With Smartboards deployed in the district over the last 10 years, many boards are beginning to fail and become troublesome. We plan to replace boards with Smart Interactive Flat panels. These interactive panels come with additional instructional features that will be included in our Professional Development training that will be required for all recipients.
All panels will be installed in the same location as the previous SmartBoards and will not require additional electrical or infrastructure work..

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?"

Mexico Academy and CSD strives to provide appropriate learning tools for all our students. Teachers utilize laptops, desktops, iPads, and interactive displays in all classrooms to provide our students with visually rich content and to engage students in active learning. Many of our teachers utilize interactive displays to Skype and participate in Distance Learning opportunities. Classes share ideas and content with classes in other building, states and countries. This collaborative learning focus is integral to our districts focus on developing creativity, communication, critical thinking and creative problem solving in all our students.
While ELL and Students with Disabilities benefit from the above technologies in their classrooms, we also provide assistive technologies to these students to support their learning. Desktop computers, laptops, and tablets come equipped with software and Apps such as Read White Gold, Proloquo, Zoom Text, C-Print, Microsoft Learning Tools, and many other titles.
We are very proud of level of support we make available to all of our students and look forward continued enhancements.

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.

The district has embraced Distance Learning as a tools for teachers to collaborate and partner with other classrooms or districts. We use the SmartBoards or Interactive Panels to Skype and also subscribe to CiTi BOCES's Distance Learning CoSer. The replacement of the SmartBoards with the Interactive Panels will provide enhance image and sound quality for our Distance Learning programs.

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 we continue the transition to technology based learning, the interaction between content knowledge, instructional pedagogy and technology based skills development becomes paramount to the success of the individual learner within a Blended learning model. We prioritize our professional development to promote technological literacy and facilitate the effective use of all appropriate technology.

According to the New York State Professional Development Standards:

Effective professional development fosters a culture of continuous improvement for all engaged in the learning endeavor.

We believe that the purpose of Mexico's professional development is to strengthen the instructional skills of all of the staff that work directly or indirectly with our students. To that end, we also believe that the blended learning environment is a significant new development in addressing the needs of our diverse learners. Blended learning directly and seamlessly infuses technology to engage the learner and enhance teaching and learning. For many of our educators, this is a significant shift in their approach to instruction. While not an exhaustive list, we plan to address:

- Schoology
- Touchcast
- tABs (Technology Academic Bookmarks)
- BeeBots
- Screencast-O-Matic
- Castle Learning
- Moby Max
- Smart Notebook

Professional development is most effective when it takes place in professional learning communities.

Professional development is most effective when it is job embedded, directly relevant to classroom practice, provided over time, and when it provides opportunity for practice of new strategies, time to reflect on changes, and time to integrate new learning into the teaching practice.

In keeping with the above recommendations from NYSED, we model what we know to be good classroom instruction. This means that we meet the learner (in this case, the educator) where they are and move them along the continuum toward instructional excellence. This requires differentiation in a variety of methods include providing PD:

1. at various times such as extended summer academies, before school, direct support and modeling in the classroom during instruction, after school;
2. in various settings such as individual, small group, or whole group
3. at various levels such as beginner, intermediate, and advanced levels of training
4. and targeted to the various roles in our district such as paraprofessionals, teachers, and administrators.

Professional development is most effective when adequate resources are provided. Resources include money, people, and time. Resources necessarily come from a variety of sources, and must be sufficiently sustained over time to insure the full impact of professional development. Resources are adequate when they ensure that all educators can study, practice, reflect, receive feedback on practice, and implement knowledge and skills necessary to be effective with their students and others.

Finally, NYSED recognizes the need to "put your money where your mouth is". While we have prioritized significant district funds to begin the implementation of the Blended Learning model in our district, the planned extension of this model to all classrooms will require more that we currently have available. We anticipate that the infusion of additional dollars via the Smart Schools Bond Act will help us to realize our goal of providing cutting edge instruction to our students.

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 at Oswego

9b. Enter the primary Institution phone number.

315 312 2102

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. Pamela Michel

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

11. Nonpublic Classroom Technology Loan Calculator

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

See:

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

	1. Classroom Technology Sub-allocation	2. Public Enrollment (2014-15)	3. Nonpublic Enrollment (2014-15)	4. Sum of Public and Nonpublic Enrollment	5. Total Per Pupil Sub-allocation	6. Total Nonpublic Loan Amount
Calculated Nonpublic Loan Amount	(No Response)	(No Response)	0	(No Response)	(No Response)	0

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	743,400
Computer Servers	(No Response)
Desktop Computers	(No Response)

	Sub-Allocation
Laptop Computers	(No Response)
Tablet Computers	(No Response)
Other Costs	9,275
Totals:	**752,675**

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	Smart Interactive Panels	175	3,999	699,825
Interactive Whiteboards	Wall Display Mount	175	249	43,575
Other Costs	Cabling	175	28	4,900
Other Costs	Wiring Hardware	175	25	4,375

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.

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)

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)

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.

We plan to use the SSBA funds to install high-tech security features such as enhanced safety and security in our server rooms and to enhance our recently installed emergency notification system to overhead speakers, desktop/laptop screens, as well as, class and cell phones.
Currently, we only have locks intrusion prevention at our server room doors. While this served the purpose in prior years, we now need to manage and monitor those who come in and out of our server rooms. Our plan is to install proximity access devices at each of our server room and manage access to these spaces through Active Directory user profiles. This will assure appropriate access and the system will allow us to track date, time and users who access the space.
The second aspect of this security plan is to enhance our recently installed InformaCast emergency notification system by adding Industryweapon. Industryweapon is a digital signage system that will display emergency notifications in strategic areas of buildings. This integrated process will enhance our goal to increase the speed, reach, and success rate of emergency notifications to get critical information to the people that need it.

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
46-09-01-06-7-999-BA2

3. Was your project deemed eligible for streamlined Review?

- ☑ Yes
- ☐ No

3a. Districts with streamlined projects must certify that they have reviewed all installations with their licensed architect or engineer of record, and provide that person's name and license number. The licensed professional must review the products and proposed method of installation prior to implementation and review the work during and after completion in order to affirm that the work was code-compliant, if requested.

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

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

Name	License Number
Joe Kosiorek	30219274

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	59,898
Entry Control System	10,445
Approved Door Hardening Project	(No Response)
Other Costs	675
Totals:	**71,018**

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

especially important for any expenditures listed under the "Other" category. All expenditures must be capital-bond eligible to be reimbursed through the SSBA. If you have any questions, please contact us directly through smartschools@nysed.gov.
Add rows under each sub-category for additional items, as needed.

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Entry Control System	Card Reader	4.00	215	860
Electronic Security System	Licenses	4.00	12	48
Entry Control System	Controllers	4.00	450	1,800
Entry Control System	Locksmith	1.00	5,280	5,280
Entry Control System	Installation	1.00	2,505	2,505
Electronic Security System	Controller	27.00	750	20,250
Electronic Security System	Player - this is the display's controller, like a cable box at home. The player receives signals from the media bridge and pushes to the monitors.	27.00	600	16,200
Other Costs	Delivery	27.00	25	675
Electronic Security System	Monitors	27.00	500	13,500
Electronic Security System	Cabling	27.00	300	8,100
Electronic Security System	Media Bridge - is a gateway between the control servers hosted by industryweapon and the displays residing on our local network.	1.00	1,800	1,800