# ALBANY CITY SD

## Smart Schools Investment Plan -

SSIP Overview

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

Nicole Lindeman

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

518-475-6175

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

nlindeman@albany.k12.ny.us

**2. Please indicate below whether this is the first submission, a new submission or an amended submission of a 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. 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.**

Smart Schools Investment Plan Approved 1-4-16.pdf

**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.**

11,000

**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:**

$7,946,807

**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 | 1,500,007 |
| Connectivity Projects for Communities | 0 |
| Classroom Technology | 600,611 |
| Pre-Kindergarten Classrooms | 0 |
| Replace Transportable Classrooms | 0 |
| High-Tech Security Features | 300,000 |
| **Totals:** | 2,400,618.00 |

**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 Albany City School District has nearly 10,000 students, which based on the state standard, means a 1Gb connection speed is required (100Mb x 10 = 1,000 Mb). The District currently has a 750Mb internet connection and plans to upgrade to a 1Gb connection by July 2016. The District also has 10Gb Wide Area Network (WAN) connections implemented between buildings. While some segments of its building local-area network (LANS) have also been upgraded to 10 Gb; the majority are 1 Gb and need to be upgraded.

**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 | 9,500 | 950,000 | 950 | 750 | 1000 | 07/1/2016 |

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

The City School District of Albany wants to ensure that it can support all its students, teachers and administrators with a robust, reliable and secure high-speed network infrastructure for wired and wireless access both within the District and out to the global internet. The District wants to use the Smart Schools Bond funds to continue the network build-out the District has been undertaking for the last five years and to enhance connectivity to the digital world of the internet.

**Use of Funds to Support High-Speed Broadband and Wireless Connectivity**

Critical to expanding the network infrastructure will be adding the following key capabilities:

1) increasing internet connectivity speed to at least 1Gb by July 1, 2016;

2) continuing the implementation of a high-speed 10Gb switching fabric within and between all the wiring closets in all District school buildings. This will require purchasing additional network switches. Note that with the support of E-Rate funds the district has already upgraded the wide area network (WAN) links between buildings to support 10Gb speeds, as well as within some buildings' Local Area Networking (LAN) closet switches. In addition, single-mode fiber optic and multimode fiber optic cabling is in place between all wiring closets in every building, and all data runs for wired and wireless access are cabled with Category 6e cable. Only a limited amount of additional cabling will be added under the Smart Schools Bond to support security cameras and new access points;

3) providing both additional and upgraded wireless access points throughout the District to provide both ubiquitous wireless coverage in buildings and sufficient wireless bandwidth capacity per access point in classrooms to allow for large-scale use. Additionally, add wireless controllers for access points, and outside wireless capabilities for select school buildings;

4) replacing uninterruptible power supply (UPS) backup battery systems in every wiring closet to protect sensitive network equipment from power surges and brown-outs, as well as to ensure network connectivity in the event of a power outage;

5) adding additional network storage (Equilogic box) for archiving email and other electronic files for students and staff;

6) and adding Apple Cache servers to each school building to support the use of IPads for special needs students.

**4. Briefly 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?)**

**District Instructional Technology Plan**

The Smart Schools Bond investment will allow us to expand learning opportunities for all our students beyond the four walls of a school building. This funding is directly linked to and supports our District Instructional Technology Plan. Some of the major initiatives in our Technology Plan are:

1. new Bring Your Own Device (BYOD) policy for staff to increase communications between parents and staff, as well as provide real-time information on students for teacher-parent-administrator discussions;
2. adding mobile devices to reinforce student academic skills through the use of Google for Education and providing expanded curriculum applications for differentiated instruction;
3. implementing a new Student Information System which includes curriculum mapping, teacher calendar of lessons, and a parent portal;
4. replacing all netbooks in the District that are more than four (4) years old to support learning in the classroom and allow more web access for staff and students to better support teaching and learning;
5. and adding an infrastructure to support Apple iPads for special education students.

Mobile devices are a valuable part of differentiated instruction. Teachers will be able to access mobile carts in the building to deliver interactive math and ELA lessons to students. By using Windows applications and Google for Education to complete assignments, students will be able to collaborate with peers and the teacher. Parents and students will also be able to review documents from home using Class Link, a web based tool permitting students to access files and programs from any location with internet access.

**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.**

**Robust Network**

The District has updated and enhanced the overall network infrastructure during the last five years. Enhancements include expanding the wireless network to be able to support ubiquitous access in each building. The District has also improved network speeds, reduced wired and wireless access bottlenecks, and improved overall network and system reliability.

The deployment started initially five years ago with 803.11n wireless access points (WAPS) and during the past two years the District has moved to the more capable 802.11ac WAPS, using centralized Cisco 5760 Wireless Local Area Network (WLAN) controllers. In Phase 1, the District will maintain its use of 802.11ac WAPS. In Phase 2, higher bandwidth WAPS and new wireless technologies will be considered.

The District wants to ensure all teachers and students have wireless access when they need it. To this end, the District closely monitors and manages network traffic to ensure high throughput. In order to meet usage demands with the appropriate level of wireless access, every classroom will have at least one WAP and larger instructional spaces will be outfitted with multiple WAPS.

**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.**

| Project Number |
|---|
| 01-01-00-01-7-999-004 |

**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 |
|---|---|
| Richard Peckham | 19884 |

**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 | 1,312,864 |
| Outside Plant Costs | 70,043 |
| School Internal Connections and Components | 0 |
| Professional Services | (No Response) |
| Testing | (No Response) |
| Other Upfront Costs | (No Response) |
| Other Costs | 117,100 |
| **Totals:** | 1,500,007.00 |

**10. To the extent possible, please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category.**

| Select the allowable expenditure type.<br>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. **Briefly 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:** | |

7. **To the extent possible, please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category.**

| Select the allowable expenditure type.<br>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.**

As previously stated, the District will establish a minimum speed standard no later than July 1, 2016 as required by NYSED and will work with the current provider to increase connectivity within the timeframe using district funds.

**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 | 9,500 | 950,000 | 950 | 750 | 1000 | 07/01/2016 |

**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.**

**Robust Network**

The District has updated and enhanced the overall network infrastructure during the last five years. Enhancements include expanding the wireless network to be able to support ubiquitous access in each building. The District has also improved network speeds, reduced wired and wireless access bottlenecks, and improved overall network and system reliability.

The deployment started initially five years ago with 803.11n wireless access points (WAPS) and during the past two years the District has moved to the more capable 802.11ac WAPS, using centralized Cisco 5760 Wireless Local Area Network (WLAN) controllers. In Phase 1, the District will maintain its use of 802.11ac WAPS. In Phase 2, higher bandwidth WAPS and new wireless technologies will be considered.

The District wants to ensure all teachers and students have wireless access when they need it. To this end, the District closely monitors and manages network traffic to ensure high throughput. In order to meet usage demands with the appropriate level of wireless access, every classroom will have at least one WAP and larger instructional spaces will be outfitted with multiple WAPS.

**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.**

**Device Purchases**

The District will focus purchases in four main areas:

- replace/upgrade approximately 1,000 Windows netbooks in carts across the district ;
- add mobile carts consisting of 30 devices within each cart to six school buildings that currently have less than two mobile device carts;
- add three 3D printers for each of three Middle Schools;
- and replace the Project Lead the Way CAD/CAM milling machine which is an essential component of the high school program. All Windows computer devices including the netbooks will be running Microsoft Windows 7 (with future plans for Windows 10) allowing full compatibility with installed devices and software, as well as full compatibility with our network applications and other end-user devices. The 3D printers are compatible with existing applications and hardware. The milling machine is a replacement of an existing machine that is over 15 years old. This device is a critical component of the high school Project Lead the Way program. It permits students to learn G&M coding which is the programming language used in the industry. Students also need to setup the CNC mill as a work cell integrating a robotic arm which feeds work to the mill. The two machines need to be programed to interact with each other just as work cells in industry perform.
- Non-public schools will receive all whiteboards, WAPs, printers, desk tops computers cameras, camcorders and switches listed in the allotions for devices below. They will also recieve some tablets and laptops as requested.

**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?"**

**Supporting Student Achievement through Devices**

The District has worked hard to use technology tools and resources to transform our teaching and learning environments across the District. The District believes that technology can be a powerful vehicle for actively engaging all students in learning, and that active engagement is particularly important for students who are struggling. Using technology tools and resources, teachers are able to personalize learning, differentiating both the content and the pedagogical approaches depending on the needs of students. Teachers can extend learning beyond the hours of the day and the confines of the classroom. They can also create authentic learning experiences and connect students to resources that will greatly enhance their learning. These resources can include content, study tools, collaborative tools, tools for assessment and also connections to experts in the field, as well as to other students. Access to these resources benefits all students but especially English as a New Language students. Technology can help transform learning largely from consuming information to actively constructing knowledge.

Technology is an incredible tool for students with disabilities, allowing them to participate and interact and work independently using a wide range of assistive technologies. These assistive technologies allow disabled students to learn via new multimedia applications such as on the iPad. The District's Special Education Department works directly with the District Technology Coordinator to insure that assistive technologies are available for all students who require their use, and both departments collaborate to make sure that the technology requirements of each student's IEP are met.

The District continues to focus its technology implementation in areas where there are significant learning gaps, especially English Language Arts and math. Recent grant applications have reflected this on-going emphasis.

**7. Where appropriate, briefly 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.**

**Increasing Communications**

The District wants to continue to use communication technologies, including email, the district web site, and other electronic applications to stay in touch with and to share information with parents and the rest of the community. The expanded wireless capability in conjunction with staff BYOD implementation will allow for improved staff-to-parent communications. Expanded connectivity across the district and to the internet will also support the parent portal for student learning. Student access to web-based applications will enhance student learning. Parents are strongly urged to review student progress on these applications.

**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."**

**Professional Development**

On-going professional development is a critical component of the District's Instructional Technology Plan, including the Smart Schools Investment Plan. The district provides a wide range of professional development each year for our teachers, teaching assistants, and administrators. The training includes interactive boards and smart notebook, document cameras and LCD BrightLink projectors, Microsoft products, netbooks, tablets and chromebooks. The Instructional Technology Specialist holds monthly sessions addressing district supported web-based applications that can be integrated into curriculum and instruction. The Technology cohort members hold training at the building level as well. The District strongly believes that both the instructional leadership staff and the technical support staff need higher-level professional development in order to continue in their roles. There is currently one staff member dedicated to instructional technology integration across the District. The District is committed and will continue to provide professional development on an on-going basis to the staff to allow them to utilize the technology tools and resources in the most effective manner possible. Going forward, additional technology personal will be needed to support the integration of the new initiatives supported by the Smart Schools Bond.

**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.

**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.**

**Loaning Hardware to Non-Public Schools**

The Smart Schools Bond Act provides that any district hardware purchases made using Smart Schools funds shall be lent, upon request, to non-public schools in the district. All students attending non-public schools are eligible to receive loans of classroom technology equal on a per pupil basis to the per pupil amounts spent on classroom technology for public school students (up to $250 per pupil). All non-public schools will be required to submit a request for devices by August 1st of each year.

The District notified all non-public schools in October 2015 of their eligibility for technology loans similar to the process for textbooks, computer hardware, and software. The notification included the due date of December 15, 2015 a date by which requests must be received by the district. Harriett Tubman and Castle Island schools did not respond to the request by the deadline.

Non-public schools requested desktops, laptops, tablets, printer, and wireless access points.

**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 | 600,611 | 8,372 | 1,812 | 10,184 | 59 | 106,908 |

**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 | 2,100 |
| Computer Servers | (No Response) |
| Desktop Computers | 34,614 |
| Laptop Computers | 438,077 |
| Tablet Computers | 81,187 |
| Other Costs | 44,633 |
| **Totals:** | 600,611.00 |

**15. To the extent possible, please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category.**

| Select the allowable expenditure type.<br>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. **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.**

| 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:** | |

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

| Select the allowable expenditure type.<br>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) |

# Smart Schools Investment Plan -

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.**

| 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:** | |

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

| Select the allowable expenditure type.<br>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.**

The District security plan provides for upgrades and replacements under the Smart Schools Bond funding that will be implemented in two different phases. The first phase, presented here, will replace the present outdated Stanley/Sonitrol intrusion detection (ID) system, which includes control panels, keypads, and audio sensors, along with door and window contacts where necessary. The present intrusion detection system has reached its end-of-life and cannot be maintained or upgraded. Our plan is to replace this present system in every building. The estimated cost to replace it is $300,000.

**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.**

| Project Number |
|---|
| 01-01-00-01-7-99-004 |

**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 |
|---|---|
| Richard Peckham | 19884 |

**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) | 300,000 |
| Electronic Security System | (No Response) |
| Entry Control System | (No Response) |
| Approved Door Hardening Project | (No Response) |
| Other Costs | (No Response) |
| **Totals:** | 300,000.00 |

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

| Select the allowable expenditure type.<br>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) |