

Smart Schools Investment Plan

SSIP Overview

Page Last Modified: 06/08/2016

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

David Gee

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

914-241-6163

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

dgee0416@bcsdny.org

2. Please indicate below whether this is the first submission, a new or supplemental 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 occurred as part of a normal Board meeting, but adequate notice of the event must have been provided through local media and the district website for at least two weeks prior to the meeting.
 The district prepared a final plan for school board approval and such plan has been approved by the school board.
 The final proposed plan that has been submitted has been posted on the district's website.

Smart Schools Investment Plan

SSIP Overview

Page Last Modified: 06/08/2016

- 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.

Final-SmartSchoolsInvestmentPlan.pdf
 SSIP Hearing Presentation.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.

3,202

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:

\$624,371

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 | 603,562 |
| Connectivity Projects for Communities | 0 |
| Classroom Technology | 0 |
| Pre-Kindergarten Classrooms | 0 |
| Replace Transportable Classrooms | 0 |
| High-Tech Security Features | 16,640 |
| Totals: | 620,202.00 |

Smart Schools Investment Plan

School Connectivity

Page Last Modified: 06/07/2016

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.

With an enrollment of 4,365 students and an Internet Bandwidth of 1000Mbps, the Bedford Central School District exceeds the standard for 100Mbps per 1,000 students of available Internet Bandwidth. However, the Bedford Central School District currently does not have adequate wireless capacity for all devices to take advantage of this Internet bandwidth. The Smart Schools Investment Plan is for the purchase of hardware to update and expand our wireless infrastructure.

- 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 | 4,365 | 436,500 | 436.5 | 1000 | 1000 | n/a |

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 Bedford Central School District Technology Advisory Committee first recommended a timeline to update the technology network infrastructure as a part of the 2013-2016 Technology Plan. This commitment to updating the BCSD network, to support student learning, was reaffirmed with the 2015-2018 Technology Plan approved by the New York State Education Department in October 2015. It is the recommendation of the Technology Advisory Committee, that the SSBA funds be used to advance this plan.

In addition to the update of aging network equipment, this plan increases the wireless network capacity of all five elementary schools and the Hillside program. This will be accomplished by replacing the current “coverage design model”, which provides wireless coverage throughout the school for a limited number of devices with a “capacity design model” which will provide the capacity for 25-30 wireless devices per classroom.

Smart Schools Investment Plan

School Connectivity

Page Last Modified: 06/07/2016

- 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?")

As discussed in the District's Technology Plan - "...central to our instructional and pedagogical knowledgebase are the Ten Principles of the Learning-Active, Technology-Infused Classroom (LATIC). These principles have been introduced through an ongoing training program for our teachers, and position the use of technology as a compliment and vehicle to rich, student-centered learning experiences. Our adoption of devices for students, professional development for teachers, and supervision and evaluation processes all support this approach, and our electronic "Instructional Toolkit" (<http://www.bcsdny.org/district.cfm?subpage=8018>) codifies this approach."

In order to support the continued implementation of the LATIC principles, it has become necessary to increase the wireless capacity of schools. This increased capacity will provide more classrooms with consistent reliable access to technology and online resources. The SSIP funds will be used to increase this wireless capacity through the addition of wireless access points and supporting network hardware.

- 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.

While the Bedford Central School District has sufficient Bandwidth to meet the FCC guidance of 100Mbps per 1000 students, the District is lacking the necessary wireless access points to support the use of wireless devices in adjoining classrooms. The District's Smart Schools Investment Plan is dedicated to increasing the total number of access points to provide simultaneous access for all students in each school.

- 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 |
| 66-01-02-06-7-999-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?

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 |
|----------------|----------------|
| Scott J Hillje | 25556 |

- 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.

Smart Schools Investment Plan

School Connectivity

Page Last Modified: 06/07/2016

| | Sub- Allocation |
|--|--------------------|
| Network/Access Costs | 364,970 |
| Outside Plant Costs | 0 |
| School Internal Connections and Components | 177,282 |
| Professional Services | 61,310 |
| Testing | 0 |
| Other Upfront Costs | 0 |
| Other Costs | 0 |
| Totals: | 603,562.00 |

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

Smart Schools Investment Plan

School Connectivity

Page Last Modified: 06/07/2016

| 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 | Wireless Access Point - AIR-CAP2702I-A-K9 802.11ac CAP w/CleanAir; 3x4:3SS; Int Ant; A Reg Domain | 294 | 603 | 177,282 |
| Network/Access Costs | Network Switch - C2960X-STACK Catalyst 2960-X FlexStack Plus Stacking Module | 46 | 657 | 30,234 |
| Network/Access Costs | Network Switch Power Supply - C4KX-PWR-750AC-R Catalyst 4500X 750W AC front to back cooling power supply | 1 | 1,100 | 1,100 |
| Network/Access Costs | Network Switch Power Supply - C4KX-PWR-750AC-R/2 Catalyst 4500X 750W AC front to back cooling 2nd PWR supply | 1 | 1,100 | 1,100 |
| Network/Access Costs | Network Switch Power Supply - C6880-X-3KW-AC Cisco Catalyst 6880-X 3KW AC Power Supply | 4 | 1,100 | 4,400 |
| Network/Access Costs | Network Switch - C6880-X-LE Cisco Catalyst 6880-X-Chassis (Standard Tables) | 2 | 18,700 | 37,400 |
| Network/Access Costs | Network Switch - C6880-X-LE-16P10G Cisco Catalyst 6880-X Multi Rate Port Card (Standard Tables) | 2 | 10,450 | 20,900 |
| Network/Access Costs | Network Switch Component - C6880-X-NEBS-PAK Mandatory Air Dam set for 6880-X to meet thermal requirement | 2 | 55 | 110 |
| Network/Access Costs | Network Switch Component - CAB-STK-E-1M= Cisco Bladeswitch 1M stack cable | 8 | 110 | 880 |
| Network/Access Costs | Network Switch Power Supply - PWR-C1-350WAC/2 350W AC Config 1 SecondaryPower Supply | 4 | 275 | 1,100 |
| Network/Access Costs | Network Switch Modular Plug - GLC-T= 1000BASE-T SFP | 9 | 217 | 1,955 |
| Network/Access Costs | Network Switch Modular Plug - SFP-10G-LR-S= 10GBASE-LR SFP Module, Enterprise-Class | 6 | 1,045 | 6,270 |
| Network/Access Costs | Network Switch Modular Plug - SFP-10G-LRM= 10GBASE-LRM SFP Module | 6 | 547 | 3,284 |

Smart Schools Investment Plan

School Connectivity

Page Last Modified: 06/07/2016

| | | | | |
|-----------------------|---|----|--------|--------|
| Network/Access Costs | Network Switch Modular Plug - SFP-10G-SR-S= 10GBASE-SR SFP Module, Enterprise-Class | 24 | 358 | 8,580 |
| Network/Access Costs | Fiber Optic Patch Cord - SFP-H10GB-CU1M= 10GBASE-CU SFP+ Cable 1 Meter | 10 | 55 | 550 |
| Network/Access Costs | Fiber Optic Patch Cord - SFP-H10GB-CU3M= 10GBASE-CU SFP+ Cable 3 Meter | 6 | 55 | 330 |
| Network/Access Costs | Network Switch - WS-C2960X-48FPD-L Catalyst 2960-X 48 GigE PoE 740W, 2 x 10G SFP+, LAN Base | 22 | 4,397 | 96,740 |
| Network/Access Costs | Network Switch - WS-C2960X-48FPS-L Catalyst 2960-X 48 GigE PoE 740W, 4 x 1G SFP, LAN Base | 24 | 3,627 | 87,054 |
| Network/Access Costs | Network Switch - WS-C3650-48PD-E Cisco Catalyst 3650 48 Port PoE 2x10G Uplink IP Services | 1 | 9,845 | 9,845 |
| Network/Access Costs | Network Switch - WS-C3850-12XS-E Cisco Catalyst 3850 12 Port 10G Fiber Switch IP Services | 4 | 8,525 | 34,100 |
| Network/Access Costs | Network Switch - WS-C4500X-16SFP+ Catalyst 4500-X 16 Port 10G IP Base, Front-to-Back, No P/S | 1 | 8,800 | 8,800 |
| Network/Access Costs | Battery Back-up - SMX1500RM2U APC-Smart-UPS C 1500 VA Tower/Rack Mountable UPS | 13 | 788 | 10,238 |
| Professional Services | Professional Services - Includes design, implementation, deployment, configuration, and project management of Network upgrade | 1 | 61,310 | 61,310 |

Smart Schools Investment Plan

Community Connectivity (Broadband and Wireless)

Page Last Modified: 06/07/2016

- 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)

- 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)

- 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.

- Please describe the physical location of the proposed investment.**

(No Response)

- 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) |

- 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: | |

- 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. 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

Classroom Learning Technology

Page Last Modified: 06/07/2016

1. In order for students and faculty to receive the maximum benefit from the technology made available under the Smart Schools Bond Act, their school buildings must possess sufficient connectivity infrastructure to ensure that devices can be used during the school day. Smart Schools Investment Plans must demonstrate that sufficient infrastructure that meets the Federal Communications Commission’s 100 Mbps per 1,000 students standard currently exists in the buildings where new devices will be deployed, or is a planned use of a portion of Smart Schools Bond Act funds, or is under development through another funding source.

Smart Schools Bond Act funds used for technology infrastructure or classroom technology investments must increase the number of school buildings that meet or exceed the minimum speed standard of 100 Mbps per 1,000 students and staff within 12 months. This standard may be met on either a contracted 24/7 firm service or a "burstable" capability. If the standard is met under the burstable criteria, it must be:

1. Specifically codified in a service contract with a provider, and
2. Guaranteed to be available to all students and devices as needed, particularly during periods of high demand, such as computer-based testing (CBT) periods.

Please describe how your district already meets or is planning to meet this standard within 12 months of plan submission.

(No Response)

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

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

2. Connectivity Speed Calculator (Required)

| | 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 | (No Response) | (No Response) | (No Response) | (No Response) | (No Response) | (No Response) |

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

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

(No Response)

4. All New York State public school districts are required to complete and submit an Instructional Technology Plan survey to the New York State Education Department in compliance with Section 753 of the Education Law and per Part 100.12 of the Commissioner’s Regulations.

Districts that include educational technology purchases as part of their Smart Schools Investment Plan must have a submitted and approved Instructional Technology Plan survey on file with the New York State Education Department.

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

Smart Schools Investment Plan

Classroom Learning Technology

Page Last Modified: 06/07/2016

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

(No Response)

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?")

(No Response)

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.

(No Response)

8. Describe the district's plan to provide professional development to ensure that administrators, teachers and staff can employ the technology purchased to enhance instruction successfully.

Note: This response should be aligned and expanded upon in accordance with your district's response to Question 1 of F. Professional Development of your Instructional Technology Plan: "Please provide a summary of professional development offered to teachers and staff, for the time period covered by this plan, to support technology to enhance teaching and learning. Please include topics, audience and method of delivery within your summary."

(No Response)

9. Districts must contact 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

11. Nonpublic Classroom Technology Loan Calculator

Smart Schools Investment Plan

Classroom Learning Technology

Page Last Modified: 06/07/2016

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) | (No Response) | (No Response) | (No Response) | (No Response) |

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 | (No Response) |
| Computer Servers | (No Response) |
| Desktop Computers | (No Response) |
| Laptop Computers | (No Response) |
| Tablet Computers | (No Response) |
| Other Costs | (No Response) |
| Totals: | |

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

Smart Schools Investment Plan

Classroom Learning Technology

Page Last Modified: 06/07/2016

| 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) |

Smart Schools Investment Plan

Pre-Kindergarten Classrooms

Page Last Modified: 06/07/2016

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. 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

Page Last Modified: 06/07/2016

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. 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

High-Tech Security Features

Page Last Modified: 06/07/2016

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 Bedford Central School District has utilizes Voice Gateway Appliances as a part of our System Systems. Voice Gateways are network appliances that connect analog circuits to the IP network. The BCSD Lockdown system is IP based. The Voice Gateways allow us to connect the school Lockdown pull stations to the analog inputs of the school Public Address system for sounding the Lockdown alarm and playing pre-recorded instructions. The plan for this work is to replace existing "end of life" hardware with new hardware. We are not running any new cable or performing construction to install these appliances.

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 |
| 66-01-02-06-7-999-BA1 |

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 |
|----------------|----------------|
| Scott J Hillje | 25556 |

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 | 16,640 |
| Entry Control System | (No Response) |
| Approved Door Hardening Project | (No Response) |
| Other Costs | (No Response) |
| Totals: | 16,640.00 |

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

Smart Schools Investment Plan

High-Tech Security Features

Page Last Modified: 06/07/2016

| 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 | Voice Gateway Appliances - C2911-CME-SRST/K9 2911 Voice Bundle w/PVDM3-16,FL-CME-SRST-25,UC Lic,FL-CUBE10 | 5 | 2,252 | 11,261 |
| Electronic Security System | Voice Gateway Additional Channels - PVDM3-16U64 PVDM3 16-channel to 64-channel factory upgrade | 2 | 1,238 | 2,475 |
| Electronic Security System | Voice Gateway Accessory Card - VWIC3-2MFT-T1/E1 2-Port 3rd Gen Multiflex Trunk Voice/WAN Int. Card - T1/E1 | 2 | 1,210 | 2,420 |
| Electronic Security System | Voice Gateway Accessory Card - VIC2-4FXO Four-port Voice Interface Card - FXO (Universal) | 1 | 484 | 484 |

Smart Schools Investment Plan

Report
