Smart Schools Investment Plan - 2016-17 Version (Original) - Plan 1 WCSD

SSIP Overview

Institution ID
800000050809

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

Matt Wilkins

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

5857868000

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

mwilkins@warsawcsd.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.

23a_18.1.23_Smart_Schools_Bond_Act_Presentation_REVISED_January_24.pdf

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

www.warsawcsd.org/Page/2316

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

1,200

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

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

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

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

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

(No Response)

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

$1,001,822

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	99,767
Connectivity Projects for Communities	0
Classroom Technology	0
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	601,510
Totals:	**701,277**

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.

Warsaw Central Schools has 950 students. Our minimum broadband capacity is 200 Mbps with a maximum of 1Gb which exceeds the minimum requirement of the plan.

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	950	95,000	95	1000	1000	DNA

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

The District has taken advantage of building projects, BOCES funding and local budget money to build a solid wired infrastructure for our students . In order to meet the wireless demands of a 21st century learning environment the District wants to provide "saturation wireless service to support the one-to-one environment for all of its students within the next three years. Our overall goal is to provide sufficient wireless access for all of our students across the campus. The district has studied the buildings and will be building a network that serves all the locations in both buildings. The district will install 120 Meraki wireless access points to accomplish and replace 9 of their edge switches with new POE switches to support this exapansion.

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?)

The mission of our district's Technology Committee is to develop a long term vision that will define how we, as a district , will create a 21st Century Learning environment in order ot enable students to vbe career and college ready. Tablets, Chrombooks, laptop computers ad wireless devices are integral in creating the 21st century classroom. In 2016-17 WCSD will be piloting a 1:1 initiative in grades 6&7. Prior to initiating this plan Warsaw Central School completed a internet availability survey which identified that 12-15% of our student did not have internet on demand. In order to close this gap, Warsaw wil be purchasing 10-15 4g wireless remote access units for students to take home and use. We are a small rural district where not everyone has internet readily available.
Warsaw will have to increase its wireless capacity. Each year for the next 3 years. Two grade levels will be provided with chromebooks to our students until all students grade 6-12 have their own chromebook assigned to them. Included in our Smart School Investment Plan is a Meraki wireless system, designed by BOCES and Meraki personnel. This will provide 100% internet coverage on our entire campus.
Differentiated instruction is a key component to the 21st Century Learning model. The installation of LCD screens and the gradual replacement of dated Smartboard technology will allow for both staff and students to access and focus on different modalities of instruction.

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

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

The Warsaw Central School District has been working closely with Hunt Architects and Wayne Finger Lakes BOCES for two years completing building surveys for the State Education Department. Through multiple meeting and walk through assessments Hunt Architects has surveyed our buildings and met with administration and technology staff to understand our instructional needs and goals. The District's plan combines potential Smart Schools Investment Planning with ongoing capitol improvement plans of which Hunts recommendations are being considered by the Warsaw Central Schools Board of Education.

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
67-15-01-04-7-999-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
John Cake	138851

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	57,380
Outside Plant Costs	0
School Internal Connections and Components	42,387
Professional Services	0
Testing	0
Other Upfront Costs	0
Other Costs	0
Totals:	**99,767**

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	Meraki MR42HW Wireless Access Point Erate Discount 70%	120	180	21,600
Network/Access Costs	Meraki LIC-ENT-5Yr No Erate	120	180	21,600
Network/Access Costs	WS-C2960X-FPD-L 48 Port POE Switch Erate 70% Discount	7	1,140	7,980
Network/Access Costs	WS-C2960X-FPD-L Cisco 48 Port Switch	1	4,100	4,100
Network/Access Costs	WS-C3850-48FL Cisco Core Switch 70% Erate Discount	1	2,100	2,100
Connections/Components	GLC-SX-MMD Connector	4	330	1,320
Connections/Components	SFP-H10G-CU1M 1 Meter 10Gig cable	1	68	68
Connections/Components	33156 3 Meter Fiber Patch Cable	5	25	125
Connections/Components	C2960X-Stack	3	600	1,800
Connections/Components	Cab-Stk-E-1M 1 meter Stacking Cable	1	60	60
Connections/Components	241580 Hubble 24 Port Patch Panel	8	60	480
Connections/Components	ATG1002-RD Cat6A 10GB Patch Cable	24	10	240

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	CMP-00424CDT-10-01 Belden 1000 ft Cat6A Cable	15	610	9,150
Connections/Components	414903 Belden Surface Mount Terminal Box	55	2	110
Connections/Components	4281131 Port Modular Cat6A Jack (25 count Box)	10	225	2,250
Connections/Components	Cat 6A-06RDB 6Ft Red Patch Cable	223	8	1,784
Connections/Components	Installation of 55 Wireless access Point cables and termination	1	25,000	25,000

Community Connectivity (Broadband and Wireless)

1. **Describe how you intend to use Smart Schools Bond Act funds for high-speed broadband and/or wireless connectivity projects in the community.**

(No Response)

2. **Please describe how the proposed project(s) will promote student achievement and increase student and/or staff access to the Internet in a manner that enhances student learning and/or instruction outside of the school day and/or school building.**

(No Response)

3. **Community connectivity projects must comply with all the necessary local building codes and regulations (building and related permits are not required prior to plan submission).**

☑ I certify that we will comply with all the necessary local building codes and regulations.

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

(No Response)

5. **Please provide the initial list of partners participating in the Community Connectivity Broadband Project, along with their Federal Tax Identification (Employer Identification) number.**

Project Partners	Federal ID #
(No Response)	(No Response)

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

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

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

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

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.

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, 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.

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

(No Response)

9b. Enter the primary Institution phone number.

(No Response)

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.

(No Response)

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)	(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:	**0**

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

Pre-Kindergarten Classrooms

1. **Provide information regarding how and where the district is currently serving pre-kindergarten students and justify the need for additional space with enrollment projections over 3 years.**

(No Response)

2. **Describe the district's plan to construct, enhance or modernize education facilities to accommodate pre-kindergarten programs. Such plans must include:**

- Specific descriptions of what the district intends to do to each space;
- An affirmation that pre-kindergarten classrooms will contain a minimum of 900 square feet per classroom;
- The number of classrooms involved;
- The approximate construction costs per classroom; and
- Confirmation that the space is district-owned or has a long-term lease that exceeds the probable useful life of the improvements.

(No Response)

3. **Smart Schools Bond Act funds may only be used for capital construction costs. Describe the type and amount of additional funds that will be required to support ineligible ongoing costs (e.g. instruction, supplies) associated with any additional pre-kindergarten classrooms that the district plans to add.**

(No Response)

4. **All plans and specifications for the erection, repair, enlargement or remodeling of school buildings in any public school district in the State must be reviewed and approved by the Commissioner. Districts that plan capital projects using their Smart Schools Bond Act funds will undergo a Preliminary Review Process by the Office of Facilities Planning.**

Please indicate on a separate row each project number given to you by the Office of Facilities Planning.

Project Number
(No Response)

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

	Sub-Allocation
Construct Pre-K Classrooms	(No Response)
Enhance/Modernize Educational Facilities	(No Response)
Other Costs	(No Response)
Totals:	**0**

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

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.

Warsaw Central Schools wishes to provide an environment that provides a safe and secure learning environment for all students.
There are two components that they wish to improve to address this.
The first is an expanded video security system. Warsaw currently has a limited number of analog cameras and limited recording capacity. The district would like to replace the analog cameras and increase the areas covered by adding additional cameras with better resolution. They also want to replace their video servers to allow them to archive events that do occur, as well as have a longer retention period for video. These servers and the cameras will be accessible by local law enforcement allowing them to monitor events at the school.
The second component is emergency classroom notification. The district currently has an obsolete audio public address system. Significant areas in the district are no longer serviced by the system and there is no management or display capacity with that system. The proposed system will equip all learning spaces and large public spaces with with digital notification devices. These units have a digital display that can scroll pre loaded messages as required. They also have strobe lights to alert the classrooms of an emergency and include a networked 5 amp speaker to provide audio services. In the event of an emergency, the lights could flash and the digital display could scroll "intruder in the building, please shelter in place." Because these units are attached to the IP network, the district staff can maintain and sometimes trouble shoot these units over the computer network. Finally, these units are powered by the computer network allowing them to operate in a power outage using the power backup on that system.

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
67-15-01-04-7-999-001

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
John Cake	138851

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

	Sub-Allocation
Capital-Intensive Security Project (Standard Review)	0
Electronic Security System	601,510
Entry Control System	0
Approved Door Hardening Project	0
Other Costs	0
Totals:	**601,510**

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
Electronic Security System	Advanced Network Devices: IP Clock with Flashers (Large), 2-way Audio, PoE/SIP, 22" long overall, SS construction, Includes Enclosure	39.00	1,127	43,953
Electronic Security System	Advanced Network Devices: IP Clock with Flashers (Small), 2-way Audio, PoE/SIP, 18" long overall, SS construction, Includes Enclosure	6.00	931	5,586
Electronic Security System	Advanced Network Devices: IP Extra Large Signboard with Flashers, 2-way Audio, PoE/SIP, 54" long overall, SS construction, Includes Enclosure	14.00	1,568	21,952
Electronic Security System	Advanced Network Devices: IP Outdoor Paging Horn (Surface Mount), 1-Way Audio, PoE/SIP, Includes IP54 Rated Enclosure	41.00	588	24,108
Electronic Security System	Advanced Network Devices: IP Speaker Audio Only (Flush Mount), 2-way Audio, PoE/SIP, Includes Enclosure	139.00	441	61,299
Electronic Security System	Advanced Network Devices: IP Speaker with Display and Flashers (Surface Mount), 2-way Audio, PoE/SIP, Includes Enclosure	130.00	907	117,910
Electronic Security System	Advanced Network Devices: Zone Controller, IP Endpoint with Analog Audio Out, Local Mic Input, GPIO Trigger Capabilities, PoE/SIP	5.00	582	2,910
Electronic Security System	Avigilon: Single port Gigabit 802.3at PoE Plus injector, Class 4 - NA power cord	14.00	68	952
Electronic Security System	Barix: Universal, programmable I/O device server with web server, Modbus/TCP and SNMP support, Serial ports, digital I/O	2.00	270	540
Electronic Security System	Blue Mic: Yeti USB Microphone, Space Gray	2.00	181	362
Electronic Security System	Day Automation: Exterior IP Camera Termination Kit	43.00	98	4,214
Electronic Security System	Day Automation: Interior IP Camera	331.00	28	9,268

High-Tech Security Features

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
	Termination Kit			
Electronic Security System	Day Automation: Mass Notification Storbe Kit, High Intensity IP SIP LED Strobe, Exterior Rated, Includes Keystone Jack w/Cover, PoE Surge, and 1 & 10 ft Patch Cables	25.00	1,096	27,400
Electronic Security System	Singlewire: 1 Year Maintenance - Per Endpoint License - TIER B (Qty 250 - 950)	500.00	8	4,000
Electronic Security System	Singlewire: InformaCast Advanced Notification - Endpoint Licensing - 250 License Bundle (includes first 90 Days of maintenance)	2.00	8,910	17,820
Electronic Security System	Professional Services for Engineering/Programming for emergency notification	1.00	86,122	86,122
Electronic Security System	Professional Services Camera design and engineering	1.00	17,628	17,628
Electronic Security System	amera Installation	1.00	28,750	28,750
Electronic Security System	Avigilon: 4K UHD (8.0 Megapixel), 4.3-8mm f/1.8 P-iris lens, Integrated IR, Self-Learning Video Analytics	3.00	1,343	4,029
Electronic Security System	Avigilon: 5.0 Megapixel, LightCatcher, 4.3-8mm f/1.8 P-iris lens, Integrated IR, Self-Learning Video Analytics	15.00	1,034	15,510
Electronic Security System	Avigilon: 5.0 Megapixel, LightCatcher, Indoor Dome, 4.3-8mm f/1.8 P-iris lens, Integrated IR, Self-Learning Video Analytics	8.00	900	7,200
Electronic Security System	Avigilon: 5K (16 MP) H.264 HD Pro with LightCatcher Technology	1.00	6,712	6,712
Electronic Security System	Avigilon: 7K (30 MP) H.264 HD Pro with LightCatcher Technology	2.00	8,950	17,900
Electronic Security System	Avigilon: ACC 6 Enterprise license for up to 1 camera channels	29.00	300	8,700
Electronic Security System	Avigilon: ACC 6 Enterprise license for up to 16 camera channels	1.00	4,023	4,023
Electronic Security System	Avigilon: ACC 6 Enterprise license for up to 48 camera channels	1.00	11,944	11,944
Electronic Security System	Avigilon: Junction box for the H4A-BO-IR HD Bullet Cameras	18.00	81	1,458
Electronic Security System	Avigilon: Large Format Enclosure for	3.00	371	1,113

High-Tech Security Features

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
	HD IP Pro Cameras with 12VDC/24VAC Heater, Wall Bracket and Sunshield, Max combined camera and lens length is 12.8" (32.5 cm)			
Electronic Security System	Avigilon: Optional PoE+ power module, Powers full camera enclosure features & camera with a single Ethernet connection	3.00	210	630
Electronic Security System	Avigilon: Reinforcing wall mount adapter for ES-HD-HWS-SM, ES-HD-HWS, ES-HD-CWS, ES-HD-HWS-LG & ES-HD-CWS-LG	3.00	36	108
Electronic Security System	Avigilon: Sigma, 18-35mm, f/1.8, Auto-Iris, Vari Focal	1.00	1,485	1,485
Electronic Security System	Avigilon: Sigma, 35mm, f/1.4, Auto-Iris	2.00	1,857	3,714
Electronic Security System	Avigilon: Single port Gigabit 802.3at PoE Plus injector, Class 4 - NA power cord	3.00	68	204
Electronic Security System	Day Automation: Exterior IP Camera Termination Kit	21.00	98	2,058
Electronic Security System	Day Automation: Interior IP Camera Termination Kit	8.00	27	216
Electronic Security System	Day Automation: Network Video Server, 2U Rack Mount, 54 TB, and Academic Licensing, Includes application configuration services.	3.00	13,244	39,732