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

   Valter Paci

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

   845-577-6062

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

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

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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.**

SMARTSchoolPreliminaryPlan-ERCSDFinal.docx (1).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.**

http://www.ercsd.org/files/_PbIMh_/34350cd925be7f613745a49013852ec4/Attachment_P_-_Preliminary_SMART_School__Investment_Plan.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.**

10,600

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:**

$6,105,668

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	2,125,872
Connectivity Projects for Communities	0
Classroom Technology	0
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	1,245,000
Totals:	**3,370,872**

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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.

   Smart School initiative will focus on two areas that are in most need of improvement: high-speed broadband connectivity of our buildings and a high-tech security system. In order to access the Smart Schools funds, districts must ensure that they possess sufficient connectivity infrastructure to ensure that instructional technology devices can be used during the school day. Currently ERCSD has 1 Gigabit between schools for district inter connectivity. With the proposed Smart Schools allocations for upgrades we aim to increase this inter connectivity to 10 Gigabit between schools.

   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	8,500	850,000	850	250	850	05/01/2017

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

East Ramapo Central School District has managed fiber between buildings on the school district's private network which provides up to 10 Gigabit of inter connectivity. Currently East Ramapo has 1 Gigabit between sites for district inter connectivity but with the proposed SSBA allocations for upgrades to the ERCSD network infrastructure this will increase to 10 Gigabit between schools, Upgrade existing infrastructure the district will upgrade the network infrastructure by installing Cisco core switching equipment at all 14 school buildings. This will enable the district to increase connectivity and provide access to high speed internet for rich content delivery in the classroom and improve instructional resources.

Presently our schools do not have sufficient Wi-Fi connectivity to allow for the use of 1:1 devices by our students. A portion of the funds allocated in the School Connectivity budget category will be used to build a robust Wi-Fi infrastructure with enhanced mobile device management to provide students with greater access to rigorous and rich online educational content through a BYOD model and 1:1 Google Chrome book district-wide initiative. This will ensure access to online content anytime and anywhere

Update an aging architecture to support high-speed traffic requirements for online productivity and assessment operations. Our SSBA fund allocation will support the upgrade of our internal network backbone to accommodate fast connections and power over Ethernet (POE) required for modern telecommunications equipment. The allocation will permit us to replace all Cisco networking switches in all buildings. Additionally, the funds will be used to solidify existing wireless infrastructure by adding Aruba networks enterprise level wireless infrastructure and bringing online up to 650 new access points; including the installation of additional 800 plus category 6 network drops to bring adequate high speed wireless saturation to each learning space.

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 District has identified in its Instructional Technology Plan the need for increased access to technology for faculty and students and increased professional development as the two most powerful factors influencing teaching and learning.

The East Ramapo Central School District supports teaching and learning in schools by providing students, teachers, families and community organizations with ongoing opportunities to communicate and collaborate about instruction and student achievement. The East Ramapo Central School District is committed to the use of technology that addresses the Regents Reform Agenda and The New York State Common Core Learning Standards.

Our goal is to prepare students for college and career Readiness. our primary focus is the development of communications including listening, speaking, reading, writing, digital literacy and numeracy for all our students.

In terms of teaching, teachers create interactive lessons using interactive whiteboards, utilize computer assistive technology such as online tutorial programs, e-books, instructional websites, web-based videos, and collaborative Web-based learning management systems (LMS) designed to support student learning.

We encourage our teachers to access and use student achievement data to modify, adjust and differentiate instruction. Teachers also use technology to create student assessments, and the access high quality online professional development. Teachers also maintain student records in the form of attendance and mark reporting to facilitate communications with parents.

In terms of instructional technology, the East Ramapo Central School District has adopted Google Apps for Education (GAFE) as the instructional platform with a focus on teaching and learning. A cohort of teachers is pioneering and unpacking how GAFE intersects with specific content areas, with the intent of encouraging collaborative uses of technology. The cohort will focus on how the Google platform can support Teacher efforts around increasing student engagement and mastery of writing and literacy.

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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.

Our present Wi-Fi capabilities in our schools are woefully inadequate. Presently our schools do not have sufficient Wi-Fi connectivity to allow for the use of 1:1 devices by our students. A portion of the funds allocated in the School Connectivity budget category will be used to build a robust enterprise level wireless infrastructure with enhanced mobile device management to provide students with greater access to rigorous and rich online educational content through a BYOD model and 1:1 Google Chrome book district-wide initiative. This will ensure access to online content anytime and anywhere.

Our SSBA funding allotment will be used to purchase wireless controllers and approximately six hundred and fifty latest Aruba network 802.11 a/c wave 2 wireless access points for each learning space. The intended target is to provide a wireless access point (WAP) per classroom District wide. The placement of the wireless hardware will correlate with existing wireless "heat-maps" the district has been maintaining

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
50-04-02-06-7-999-002
50-04-02-06-7-999-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
JACK EISENBACH	59445

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.

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	Sub-Allocation
Network/Access Costs	1,435,299
Outside Plant Costs	0
School Internal Connections and Components	614,023
Professional Services	32,150
Testing	44,400
Other Upfront Costs	0
Other Costs	0
Totals:	**2,125,872**

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.

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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	Aruba 7220 Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W AC power supply	2	15,297	30,594
Network/Access Costs	Capacity license to enable support for one Access Point on a Mobility Controller	641	45	28,845
Network/Access Costs	Feature license to enable support for Policy Firewall per Access Point	641	45	28,845
Network/Access Costs	Aruba AP-325 Wireless Access Point, 802.11n/ac, 4x4:4 MU-MIMO, dual radio, integrated antennas	641	837	536,517
Network/Access Costs	Aruba Access Point Mount Kit (box style, secure, flat surface).Contains 1x flat surface wall/ceiling secure mount cradle. Color: black	641	45	28,845
Network/Access Costs	350W AC Power Supply. May be used as a redundant power supply or field-replaceable spare for 7200 Series, S3500-24T, S3500-48T and S3500-24F. Power cord not included- order country-specific (PC-AC-xx) power cord below.	2	297	594
Network/Access Costs	Airwave License for One (1) device. Includes RAPIDS and VisualRF.	641	45	28,845
Network/Access Costs	Aruba ClearPass Policy Manager 25K HW Appliance - RADIUS/TACACS+ server with advanced policy control for up to 25,000 unique endpoints. Includes 25 endpoint Enterprise License	2	39,000	78,000
Network/Access Costs	Guest License for Aruba ClearPass Policy Manager - 100 endpoints	1	1,800	1,800
Network/Access Costs	Catalyst 2960-X 48 GigE PoE 740W, 2 x 10G SFP+, LAN Base	57	3,598	205,086
Network/Access Costs	Catalyst 2960-X 48 GigE PoE 370W, 4 x 1G SFP, LAN Base	13	2,518	32,734
Network/Access Costs	Cisco Catalyst 3850 48 Port PoE IP Base	19	5,850	111,150
Network/Access Costs	Catalyst 4500-X 16 Port 10G IP Base,	10	7,200	72,000

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	Front-to-Back, No P/S			
Network/Access Costs	Catalyst 4500-X 32 Port 10G IP Base, Front-to-Back, No P/S	4	12,600	50,400
Network/Access Costs	APC Smart-UPS X 2000VA Rack/Tower LCD 100-127V with Network Card	47	1,240	58,280
Network/Access Costs	Catalyst 2960-X FlexStack Plus Stacking Module	70	538	37,660
Network/Access Costs	Cisco Catalyst 3850 4 x 10GE Network Module	19	1,800	34,200
Network/Access Costs	10GBASE-LRM SFP Module	98	448	43,904
Connections/Components	10GBASE-CU SFP+ Cable 1 Meter	28	68	1,904
Connections/Components	10GBASE-CU SFP+ Cable 5 Meter	14	117	1,638
Connections/Components	3M (10-ft.) Fiber Optic Mode Conditioning Patch Cable (ST/LC)	16	106	1,696
Connections/Components	Cisco FlexStack 3m stacking cable	10	90	900
Connections/Components	Fiber Optic Cable, LC/SC, Single Mode, Duplex - 5 meter (9/125 Type)	84	16	1,344
Connections/Components	5FT 24AWG Cat6 550MHz UTP Bare Copper Ethernet - Blue	4,272	2	8,544
Network/Access Costs	Catalyst 4500X 750W AC front to back cooling 2nd power supply	14	900	12,600
Network/Access Costs	IP Base to Ent. Services license for 32 Port Catalyst 4500-X	4	3,600	14,400
Professional Services	Environmental - This includes all work pertaining to getting the closet environment ready for the installation of the data equipment, and can include installation of racks, UPS batteries units etc. as described in the Scope of Work.	1	9,300	9,300
Connections/Components	Routing and Switching - This includes all work pertaining to the installation and configuration of routers and switching equipment.	1	36,109	36,109
Professional Services	Project Completion i.e The final milestone bill, invoiced when the Project Closeout meeting has been held and all documentation reviewed with the customer.	1	15,050	15,050
Connections/Components	Installation, Termination and Testing of New Plenum Rated Cat 6 Cables	1,200	300	360,000
Connections/Components	Conduit, Raceway, Cable Support, Patch Panels and device boxes	1,200	45	54,000

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Connections/Components	Leviton 48 Port Patch Panel	114	260	29,640
Connections/Components	Leviton 19" X 2RU Horizontal Cable Management	114	32	3,648
Connections/Components	Leviton - Category 6 Patch Cable - 7 feet	1,200	6	7,200
Connections/Components	Leviton - Category 6 Patch Cable - 5 feet	1,200	5	6,000
Testing	Test and label cables	1,200	37	44,400
Connections/Components	Furnish and install Armored Plenum 12 Strand SM fiber, fiber trays with bulkheads in IDF, fire stop system for cinder blocks, 4 patch cables for each TC, Velcro and caple support. Terminate 6 fiber strands of 12 strands ends. Certify all fiber strands and provide test reports	320	195	62,400
Professional Services	Project Management Services involves a Wireless Project Manager coordinating all the necessary phases and resources to complete the project within the agreed upon scope, costs, and time frame. In detail, the Project Manager will be the customer's onepoint of contact that will define, plan, schedule, and control all the tasks needed to complete the wireless Professional Services as well as provide project updates when needed.	1	7,800	7,800
Connections/Components	Installation and configuration of wireless access points and wireless controller during normal business hours.	200	195	39,000

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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.

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

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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.

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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)

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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.

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	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)

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

   (No Response)

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

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

   (No Response)

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

   (No Response)

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

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

Project Number
(No Response)

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

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

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

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

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1. **Describe the district's plan to construct, enhance or modernize education facilities to provide high-quality instructional space by replacing transportable classrooms.**

   (No Response)

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

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

Project Number
(No Response)

3. **For large projects that seek to blend Smart Schools Bond Act dollars with other funds, please note that Smart Schools Bond Act funds can be allocated on a pro rata basis depending on the number of new classrooms built that directly replace transportable classroom units.**

   If a district seeks to blend Smart Schools Bond Act dollars with other funds describe below what other funds are being used and what portion of the money will be Smart Schools Bond Act funds.

   (No Response)

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

	Sub-Allocation
Construct New Instructional Space	(No Response)
Enhance/Modernize Existing Instructional Space	(No Response)
Other Costs	(No Response)
Totals:	**0**

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

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

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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's present inventory of security cameras has an average age of over 8 years old. These cameras, and the software that enables them, is quickly becoming obsolete. We propose investing in a VoIP solution that will include PA Capabilities to support an IP intercom system, this thorough upgrade of our security features, and extending the coverage of the High Definition Cameras on our premises will ensure a safe environment for students and school community in general. Our initiative will furnish the installation, equipment, engineering, licensing, and start up labor for access control and surveillance system, as outlined in our SSBA goals and detailed below:

• Main entrance electronics security system, including addition of new IP cameras for each elementary and intermediate school building and administration building; replacement of existing cameras in secondary school buildings; installation of new HP Dual VM session servers for storage of digital security data and media (each server with 60 terabytes of storage), visitor management system, and Access Control Manager server software licenses for doors.

• Installation of **new access control panel and door equipment** at 20 access control doors at secondary school buildings, including new electronic locks, card readers, new door contacts, and request-to-exit motion sensor.

Unified system for PA, phones, desktops, cellular devices for emergency notifications, and announcements

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
50-04-02-06-7-999-002
50-04-02-06-7-999-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
Jack Eisenbach	59445

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.

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	Sub-Allocation
Capital-Intensive Security Project (Standard Review)	0
Electronic Security System	882,906
Entry Control System	184,757
Approved Door Hardening Project	0
Other Costs	177,337
Totals:	**1,245,000**

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

    Add rows under each sub-category for additional items, as needed.

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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	2 MP (1080p) WDR Day/Night, 20x, Pendant Dome, IP Exterior Rated PTZ	5	2,746	13,730
Electronic Security System	2U NVS (HP Chassis), Dual Session, (12) 6 TB HD's w/Hot Spare, 60 TB Total 55.2 TB Usable, Academic	5	12,062	60,310
Electronic Security System	3.0 Megapixel WDR, LightCatcher, 3-9mm f/1.3 P-iris lens, Integrated IR, Self-Learning Video Analytics	21	813	17,073
Electronic Security System	3.0 Megapixel WDR, LightCatcher, Day/Night, Indoor Dome, 3-9mm f/1.3 P-iris lens, Self-Learning Video Analytics	142	658	93,436
Electronic Security System	3.0 Megapixel WDR, LightCatcher, Day/Night, Outdoor Dome, 3-9mm f/1.3 P-iris lens, Integrated IR, Self-Learning Video Analytics	1	932	932
Electronic Security System	4K UHD (8.0 Megapixel), 4.3-8mm f/1.8 P-iris lens, Integrated IR, Self-Learning Video Analytics	60	1,179	70,740
Electronic Security System	5.0 Megapixel, LightCatcher, 4.3-8mm f/1.8 P-iris lens, Indoor Dome, IR, Self-Learning Video Analytics	2	750	1,500
Electronic Security System	5.0 Megapixel, LightCatcher, 4.3-8mm f/1.8 P-iris lens, Integrated IR, Self-Learning Video Analytics	3	952	2,856
Electronic Security System	ACC 5 Enterprise license for up to 1 camera channels and unlimited viewing clients	239	265	63,335
Electronic Security System	Compact wall bracket for use with H3PTZ-DP and H3-DP Pendant Dome Cameras	5	78	390
Electronic Security System	Exterior IP Camera Termination Kit	90	95	8,550
Electronic Security System	Interior IP Camera Termination Kit	144	27	3,888
Electronic Security System	Junction box for the H4A-BO-IR HD Bullet Cameras	84	73	6,132
Electronic Security System	T8133 30 W Midspan, 1-Port for 1 Camera, 10/100/100 Mbps, 120 Vac	5	80	400
Electronic Security System	Wall mount bracket for use with H4A-DP pendant dome cameras	1	54	54
Electronic Security System	4in Track Mnt Rly, 15 Amp, SPDT, 10-	20	16	320

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	30 Vac/dc/120 Vac Coil Total			
Entry Control System	6601UT Tripod with 3-Way Pan/Tilt Head (Quick Release) - Supports 4.4 lb (2 kg)	1	27	27
Entry Control System	A8004-VE IP Video Door Station, 2-way Communication w/Remote Entry Control	5	1,224	6,120
Entry Control System	Badging Application Software License, 1 per Appliance	1	750	750
Entry Control System	Continuum/SmartStruxure Desktop WS, Anti-Virus, UPS, 22 Monitor	1	2,379	2,379
Electronic Security System	Continuum/SmartStruxure Desktop WS, Anti-Virus, UPS, 22	5	2,126	10,630
Entry Control System	Controller, Single Door, 16 MB RAM, w/PoE, 2 In/2 Out/2 Rdrs with RS485 Out, 12 Vdc	20	536	10,720
Entry Control System	EasyLobby Access Control Integration with Avigilon	1	2,542	2,542
Entry Control System	Easylobby DYMO 450 Turbo B&W Printer	5	260	1,300
Entry Control System	Easylobby DYMO Adhesive Badges, Self-Expiring, 250-pack	5	52	260
Entry Control System	Easylobby Sex Offender Screening Software for 5 Stations	1	1,260	1,260
Entry Control System	Easylobby SnapShell Driver's License/Card Scanner	5	1,298	6,490
Entry Control System	Easylobby SVM Software, Special Pricing for K-12 Schools	5	1,965	9,825
Entry Control System	Enterprise Web-Based PACS Hardware Appliance for 64 Readers	1	5,250	5,250
Entry Control System	External IP Relay, 4 Outputs, PoE	5	215	1,075
Entry Control System	Fargo Cleaning Kit for DTC Printers	5	32	160
Entry Control System	Fargo DTC4250e Dual Sided Badge Printer	1	3,120	3,120
Entry Control System	Fargo YMCKOK Ribbon, 200 prints	5	80	400
Entry Control System	iClass Cards, PVC, 2kb, Prog, White, Seq Matching Int/Ext Inkjetted, NSP, 26b, 100-pack	10	396	3,960
Entry Control System	iClass/multiClass SE R10/RP10 Reader, HID Prox, Legacy, Wiegand, Black	20	147	2,940
Entry Control System	LDAP Directory Connectivity Software License, Required for Directory	1	2,250	2,250

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	Integration			
Electronic Security System	Logitech HD Pro USB Webcam	5	260	1,300
Electronic Security System	M1124 1MP Indoor IP Camera, WDR, Day/Night, Zipstream, 8-28 Vdc or PoE (Replaces 0329-001)	1	342	342
Entry Control System	PASSIVE INFRARED REX, 12 TO 30VDC, 26MA, SURFACE MOUNT, FORM C CONTACTS	20	62	1,240
Entry Control System	REST Connectivity Software License	1	655	655
Entry Control System	SAS CP, 12x12x6 N1 SC Enc, Max 1-ADA Door, Adj Time Delays for Int & Ext ADA Equipment	5	405	2,025
Electronic Security System	Small Continuum Server	1	3,586	3,586
Entry Control System	1 in. Recessed Door Contact with 2k Ohm Embedded Resistors, Wide-Gap, N.C. Loop	20	20	400
Entry Control System	1 in. Recessed Door Contact, Wide-Gap, N.C. Loop	20	14	280
Entry Control System	10x12x4in Screw Cover Enc. w/KO's and Perforated Back-Plate	20	37	740
Other Costs	Consulting Fees	1	148,997	148,997
Electronic Security System	Unified Emergency Notifications, Announcement, PA & VOIP System Labor to install, Program Cover Systems & Recycling of Existing phone system	1	99,945	99,945
Electronic Security System	Unified Emergency Notifications, Announcement, PA & VOIP System ST100A Voice Switches	4	1,682	6,728
Electronic Security System	Unified Emergency Notifications, Announcement, PA & VOIP System ST50 Voice Switches	3	1,051	3,153
Electronic Security System	Unified Emergency Notifications, Announcement, PA & VOIP System SG30 Voice Switches	10	838	8,380
Electronic Security System	Unified Emergency Notifications, Announcement, PA & VOIP System ST2D Voice Switch	1	2,838	2,838
Electronic Security System	Unified Emergency Notifications, Announcement, PA & VOIP System ST1D Voice Switches	2	1,577	3,154
Electronic Security System	Unified Emergency Notifications, Announcement, PA & VOIP System 144 Analog Voice Switch Bundles	4	17,040	68,160

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Electronic Security System	Unified Emergency Notifications, Announcement, PA & VOIP System 24A Analog Voice Switch	1	1,574	1,574
Electronic Security System	Unified Emergency Notifications, Announcement, PA & VOIP System Rack Mounting Trays	19	65	1,235
Electronic Security System	Unified Emergency Notifications, Announcement, PA & VOIP System Additional Site Licenses	15	260	3,900
Electronic Security System	UENS Distributed Voice Service License	1	523	523
Electronic Security System	Unified Emergency Notifications, Announcement, PA & VOIP System Overhead Paging Adapters	7	45	315
Electronic Security System	Unified Emergency Notifications, Announcement, PA & VOIP System IP 655 - Color, 12 Button Phones	10	532	5,320
Electronic Security System	Unified Emergency Notifications, Announcement, PA & VOIP System IP 480 - 8 Button Phones	360	198	71,280
Electronic Security System	Unified Emergency Notifications, Announcement, PA & VOIP System IP 420 - 2 Button Phones	30	94	2,820
Electronic Security System	Unified Emergency Notifications, Announcement, PA & VOIP System IP 420 Wall Mounting Kits	30	15	450
Electronic Security System	Unified Emergency Notifications, Announcement, PA & VOIP System Built-in Essentials Licensce	400	130	52,000
Electronic Security System	Unified Emergency Notifications, Announcement, PA & VOIP System Built-in Courtesy Licencse	24	52	1,248
Electronic Security System	Unified Emergency Notifications, Announcement, PA & VOIP System Emergency Notification Software	1	2,890	2,890
Other Costs	Unified Emergency Notification, Announcement, PA & VOIP System - Project incidentals and contingencies	1	28,340	28,340
Entry Control System	Subcontractors Install, provide, and adjust all electronic and connectivity infrastructure for entry control	1	118,589	118,589
Electronic Security System	Subcontractors Install, provide, terminate all cable, conduit and connectivity infrastructure for electronic seciurty system	1	187,489	187,489