Smart Schools Investment Plan - 2016-17 Version (Original) - Technology Infrastructure

SSIP Overview

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

   Angelo Urrico

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

   845-687-2400 x4842

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

   aurrico@rondout.k12.ny.us

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.

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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.**

Preliminary Smart Schools Investment Plan 8_9_2016.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.**

https://www.rondout.k12.ny.us/cms/One.aspx?portalId=719450&pageId=32431245

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

2,400

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

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

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

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

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

(No Response)

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

$2,004,951

11. Enter the budget sub-allocations by category that you are submitting for approval at this time. If you are not budgeting SSBA funds for a category, please enter 0 (zero.) If the value entered is $0, you will not be required to complete that survey question.

	Sub-Allocations
School Connectivity	1,242,090
Connectivity Projects for Communities	9,279
Classroom Technology	0
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	0
Totals:	**1,251,369**

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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.

   The district currently meets this requirement, effective 7/1/2016, as contracted through Ulster BOCES.

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

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

2. Connectivity Speed Calculator **(Required)**

	Number of Students	Multiply by 100 Kbps	Divide by 1000 to Convert to Required Speed in Mb	Current Speed in Mb	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	2,000	200,000	200	200	(No Response)	(No Response)

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 purpose of this plan is to finish rebuilding the entire computer network, both wired and wireless; resulting in a state-of-the-art, redundant network. This involves replacing all remaining old network switches, adding redundancy at the building and district level, and greatly expanding the wireless network in all schools. Cabling all classrooms for proper wireless access point mounting is greatly needed and a large part of this project. At the network operations center (NOC) at the district office (DO), both the firewall and the Internet filter will be replaced. To support the network upgrades, wiring closets at Marbletown Elementary School, the Middle School, and the High School will need to be relocated and/or rebuilt. The closets at MES and at the MS are in severe need of relocation. This would result in the additional need of re-cabling the existing wired network to each classroom in those buildings. Installing a generator at the DO will keep the NOC up and running during an extended power failure.

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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?)**

Our updated NYS Instructional Technology Plan was approved on July 22nd, 2016. In that plan, we outline how we use, or will use, digital connectivity and technology to improve teaching and learning. We do this by providing 1:1 devices to students in certain grade levels in conjunction with providing educational "Apps" and a Learning Management System that foster the home-school connection. In fact, our 1:1 student device program allows for students to take the device home each day. This SSIP builds a more robust and reliable network and increases access at the district's 4 school buildings. This plan to improve the network is directly linked to, and supports, the Instructional Technology Plan.

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.

   In fact, this very plan is to build the robust Wi-Fi network that will support the expansion of student devices, 1:1 wireless devices or otherwise. A second SSIP will plan for the increase of student devices once these infrastructure upgrades are under way.

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
62-09-01-06-7-999-BA1
62-09-01-06-7-999-004
62-09-01-06-1-017-003

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?

   No

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

Name	License Number
Clark Patterson Lee (Christopher L. Colby RA, LEED AP)	33581

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	382,100
Outside Plant Costs	51,000
School Internal Connections and Components	794,590

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	Sub-Allocation
Professional Services	14,400
Testing	0
Other Upfront Costs	0
Other Costs	0
Totals:	1,242,090

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	AIR-ACC1530-PMK1	4	50	200
Network/Access Costs	AIR-ANT2524DW-R	72	15	1,080
Network/Access Costs	AIR-ANT2588P3M-N=	4	475	1,900
Network/Access Costs	AIR-AP2802E-B-K9	18	608	10,944
Network/Access Costs	AIR-AP2802I-B-K9	114	568	64,752
Connections/Components	AIR-CAB010LL-N=	6	60	360
Network/Access Costs	AIR-CAP1532E-B-K9	4	748	2,992
Network/Access Costs	AP9625	16	149	2,384
Connections/Components	C2960X-STACK	31	508	15,748
Connections/Components	C3650-STACK-KIT	4	825	3,300
Connections/Components	C3850-NM-8-10G	3	3,000	9,000
Connections/Components	C4KX-NM-8SFP+	1	4,000	4,000
Network/Access Costs	C4KX-PWR-750AC-R	2	1,000	2,000
Network/Access Costs	C4KX-PWR-750AC-R/2	2	1,000	2,000
Connections/Components	CAB-C-CAT6-10FT-BLK	20	3	60
Connections/Components	CAB-C-CAT6-1FT-BLUE	2,304	2	4,608
Connections/Components	CAB-C-CAT6-3FT-BLUE	288	2	576
Connections/Components	CAB-C-CAT6-5FT-BLUE	288	2	576
Connections/Components	CAB-C-CAT6-7FT-BLUE	202	2	404
Connections/Components	CAB-F-MM50-LCLC-15M	4	63	252

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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
Connections/Components	CAB-F-MM50-LCSC-3M	8	28	224
Connections/Components	CAB-F-SM-LCSC-5M	44	38	1,672
Connections/Components	CAB-STK-E-1M	7	50	350
Connections/Components	CAB-STK-E-3M	5	100	500
Network/Access Costs	EDU-C2960X-48FPD-L	28	3,052	85,456
Connections/Components	GLC-SX-MMD=	8	250	2,000
Connections/Components	GLC-TE=	2	198	396
Network/Access Costs	IE-4000-4GC4GP4G-E	1	3,085	3,085
Network/Access Costs	MX600-HW	2	19,197	38,394
Network/Access Costs	PWR-C2-250WAC/2	2	225	450
Network/Access Costs	PWR-IE170W-PC-AC=	1	825	825
Connections/Components	SFP-10G-LRM=	36	408	14,688
Connections/Components	SFP-10G-LR-S=	16	900	14,400
Connections/Components	SFP-H10GB-CU1M	6	50	300
Network/Access Costs	SMX120RMBP2U	10	763	7,630
Network/Access Costs	SMX1500RM2UNC	3	1,123	3,369
Network/Access Costs	SMX2000RMLV2UNC	5	1,527	7,635
Network/Access Costs	SMX3000RMLV2UNC	5	1,778	8,890
Network/Access Costs	SMX48RMBP2U	3	516	1,548
Network/Access Costs	UCSC-C220-M4S	1	1,683	1,683
Network/Access Costs	UCSC-MRAID12G	1	330	330
Network/Access Costs	UCSC-MRAID12G-1GB	1	609	609
Network/Access Costs	UCSC-PCIE-IRJ45	1	500	500
Network/Access Costs	UCSC-PSU1-770W	2	350	700
Network/Access Costs	UCS-CPU-E52640E	2	1,421	2,842
Connections/Components	UCSC-RAILB-M4	1	110	110
Connections/Components	UCS-HD1T7K6GA	5	468	2,340
Connections/Components	UCS-MR-1X161RV-A	4	300	1,200
Connections/Components	UCS-SD-32G-S	2	81	162
Network/Access Costs	WBEXTWAR3YR-SP-02	3	120	360
Network/Access Costs	WBEXTWAR3YR-SP-03	13	103	1,339
Network/Access Costs	WBEXTWAR3YR-SP-04	10	309	3,090

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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	WS-C2960X-24TS-L	1	1,197	1,197
Network/Access Costs	WS-C3650-24TD-S	2	2,900	5,800
Network/Access Costs	WS-C3850-12X48U-L	3	6,250	18,750
Network/Access Costs	WS-C4500X-24X-IPB	1	10,000	10,000
Network/Access Costs	WS-C4500X-32SFP+	1	14,000	14,000
Connections/Components	PS-SNY-ADV	1	74,222	74,222
Connections/Components	Cat6a Cabling for KES Wireless	1	9,460	9,460
Connections/Components	Cat6a Cabling for MES Wireless	1	7,883	7,883
Connections/Components	Cat6a Cabling for MS Wireless	1	20,497	20,497
Connections/Components	Cat6a Cabling for HS Wireless	1	17,344	17,344
Connections/Components	Cat6 Cabling for MES Data	1	12,795	12,795
Connections/Components	Cat6 Cabling for MS Data	1	39,372	39,372
Connections/Components	Cat6a Cabling for HS Data	1	788	788
Connections/Components	Cat6 Cabling for DO Data	1	380	380
Connections/Components	Cabling Installation for KES Wireless	1	35,340	35,340
Connections/Components	Cabling Installation for MES Wireless	1	42,160	42,160
Connections/Components	Cabling Installation for MS Wireless	1	60,264	60,264
Connections/Components	Cabling Installation for HS Wireless	1	110,484	110,484
Connections/Components	Cabling Installation for MES Data	1	43,648	43,648
Connections/Components	Cabling Installation for MS Data	1	96,844	96,844
Connections/Components	Cabling Installation for HS Data	1	12,400	12,400
Connections/Components	Cabling Installation for DO Data	1	4,960	4,960
Outside Plant Costs	Fiber Backbone to MS & HS	1	38,000	38,000
Outside Plant Costs	Fiber to Press Box	1	13,000	13,000
Network/Access Costs	Generator 150 kw 3ph diesel	1	55,370	55,370
Connections/Components	Generator Installation and Electrical work	1	54,630	54,630
Professional Services	Architectural Services	1	14,400	14,400
Network/Access Costs	Cisco Firepower 2120 NGFW Appliance, 1U	2	9,998	19,996
Connections/Components	Siemon 10GMX-K01	514	9	4,626
Connections/Components	Siemon MX6 -02	948	8	7,584
Connections/Components	Siemon MX-PNL-24	46	36	1,656

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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
Connections/Components	Siemon MX-PNL-48	2	42	84
Connections/Components	Siemon MX-SMI-02	401	4	1,604
Connections/Components	Siemon MX-FP-S-02-02B	311	2	622
Connections/Components	Panduit JP4HBC25R-X20	8	523	4,184
Connections/Components	Panduit JP2W-L6	20	236	4,720
Connections/Components	Panduit JP131HBC25R-L20	4	346	1,384
Connections/Components	Wiremold V700	720	2	1,440
Connections/Components	Wiremold V5785	72	4	288
Connections/Components	Wiremold V5741	72	7	504
Connections/Components	Wiremold V704	140	1	140
Connections/Components	Wiremold G4000B-10	120	5	600
Connections/Components	Wiremold G4000C	100	3	300
Connections/Components	Siemon BP6-03-02	472	9	4,248
Connections/Components	Siemon BP6-07-02	472	11	5,192
Connections/Components	Siemon BP6A-07-02	174	15	2,610
Connections/Components	Siemon BP6A-03-02	174	16	2,784
Connections/Components	Corning CCH-01U	11	156	1,716
Connections/Components	Corning CCH-04U	3	237	711
Connections/Components	Corning 95-200-41	542	15	8,130
Connections/Components	Corning 024E88-33131-A3	4	2,936	11,744
Connections/Components	Corning CCH-CP12-59	44	64	2,816
Connections/Components	CPI Chatsworth C1033-731	2	2,103	4,206

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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.**

   A small component of this plan is to take advantage of the allowable expenditures at community centers for upgrading their Internet connectivity; therefore, we propose modest upgrades at the two libraries where our students and families can have increased access. The two libraries will receive wireless access points and one of the libraries will also receive a network switch, high speed cable modems, and Ethernet wire.

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.**

   In general, our communities are rural and Internet access varies dramatically from area to area. Simply put, some of our families do not have Internet access at home. Our 1:1 device program allows students to take their device home for continued use for homework and research. By increasing the wireless Internet capacity at the two public libraries in our district, we are increasing student access to the Internet outside of the school day and school building.

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.**

   Rosendale Library
   264 Main Street, PO Box 482
   Rosendale, NY 12472
   Contact: Wendy Alexander, 845-658-9013
   Items: Access Points, network switch, high speed cable modems, Ethernet wire
   Estimated Total: $7,000

   Stone Ridge Library
   3700 Main Street, P.O. Box 188
   Stone Ridge, NY 12484
   Contact: Jody Ford, 845-687-7023
   Items: Access Points
   Estimated Total: $3000

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 #
Rosendale Library	146025376
Stone Ridge Library	141463442

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	5,957
Outside Plant Costs	0
Tower Costs	0
Customer Premises Equipment	218

Community Connectivity (Broadband and Wireless)

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	Sub-Allocation
Professional Services	3,104
Testing	0
Other Upfront Costs	0
Other Costs	0
Totals:	**9,279**

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
Network/Access Costs	Cisco Meraki MR32 Cloud-Managed	6	540	3,240
Network/Access Costs	Cisco Meraki 802.3at PoE Injector - PoE injector - 30 Watt	6	110	660
Network/Access Costs	Cisco Meraki Cloud Managed MS220-24P 24-Port Gigabit Ethernet Switch	1	2,057	2,057
Customer Premises Equipment	ARRIS SURFboard SB6183	2	90	180
Customer Premises Equipment	Cat6 Network Ethernet Cable - Blue - 100ft	2	19	38
Professional Services	Installation of networking cable and equipment	1	3,104	3,104

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Classroom Learning Technology

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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.

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)

Classroom Learning Technology

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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

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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.

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Classroom Learning Technology

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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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Pre-Kindergarten Classrooms

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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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High-Tech Security Features

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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.**

   (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. **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
(No Response)	(No Response)

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

	Sub-Allocation
Capital-Intensive Security Project (Standard Review)	(No Response)
Electronic Security System	(No Response)
Entry Control System	(No Response)
Approved Door Hardening Project	(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.

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)