Smart Schools Investment Plan - Revised - SachemSSIPr1-Amendment 1

SSIP Overview

Page Last Modified: 06/12/2023

Institution ID

800000037678

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

Jack Renda

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

 631-471-1725

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

 jrenda@sachem.edu

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.**

 Amended 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.

 ☑ Parents

 ☑ Teachers

 ☑ Students

 ☑ Community members

5. **Did your district contain nonpublic schools in 2014-15?**

 ☐ Yes

 ☑ Yes, but they have all since closed, moved out of district or are declining use of SSBA funds

 ☐ No

Page Last Modified: 06/12/2023

5a. **Please detail which nonpublic schools have closed or moved since 2014-15, including enrollments and physical locations.**

The Maimonides Day School left our district in the 2017-2018 School Year. Their letter to us about moving into the Three Village School District was sent to the SmartSchools@nysed.gov account on May 22, 2023 and again June 12, 2023. The following is the transcript of the letter received and included in the email. A link ot the letter can also be found at the following: Maimonides Letter - School Moved

November 12, 2018

Mrs Erin Hynes

 Sachem school District

 51 School St

 Lake Ronkonkoma NY 11779

Dear Mrs. Hynes;

After nearly 30 years of Maimonides Day School under the auspices of Chabad at Stony Brook Inc being housed at our Synagogue In Lake Grove, we are moving up to Stony Brook. Our Synagogue building at 360 Nicolls Rd in East Setauket is nearly complete. We are hopeful to make the move over the President's week break. Otherwise we will make the move for the September 2019 school year.

Your office has been so helpful assisting our little school over the many years. Please introduce us to the proper office in the Three Village School District.

 Although my children have been receiving their own books etc through the Three Village Schools, we have not met them yet as directors of a private

 religious school.

Thanks so much and best wishes of good health and happiness and success in all your personal good endeavors.

Mrs. Rivkie Grossbaum

 Chabad at Stony Brook Inc.

 Maimonides Day School

6. **Certify that the following required steps have taken place by checking the boxes below:**

☑ 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.

6a. **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.**

SSIP_for_PrintRev3.pdf

Page Last Modified: 06/12/2023

6b. **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.sachem.edu/departments/instructional_technology

7. **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.**

13,500

8. **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.

9. **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)

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

(No Response)

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

$11,060,106

12. **Final 2014-15 BEDS Enrollment to calculate Nonpublic Sharing Requirement**

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	13,756	207	13,963.00	1.48

13. This table compares each category budget total, as entered in that category's page, to the total expenditures listed in the category's expenditure table. Any discrepancies between the two <u>must</u> **be resolved before submission.**

	Sub-Allocations	Expenditure Totals	Difference
School Connectivity	156,322.67	156,322.67	0.00
Connectivity Projects for Communities	0.00	0.00	0.00
Classroom Technology	0.00	0.00	0.00
Pre-Kindergarten Classrooms	0.00	0.00	0.00
Replace Transportable Classrooms	0.00	0.00	0.00
High-Tech Security Features	-156,322.67	-156,322.67	0.00
Nonpublic Loan	0.00	0.00	0.00
Totals:	**-0**	**-0**	**0**

Page Last Modified: 05/22/2023

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). If the district currently meets the required speed, enter "Currently Met" in the last box: Expected Date When Required Speed Will be Met.

	Number of Students	Required Speed in Mbps	Current Speed in Mbps	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	(No Response)	0.00	(No Response)	(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.**

   This filing will make adjustments to costs of existing items previously filed. Costs will account for increases in product and an increase in cabling and fiber costs. There will be no additional monetary request beyond what has already been submitted. This is simply to shift allocations from the Hight-Tech Security Section to School Connectivity. We are sending documentation as per discussion with K. Thayer to confirm all non-publics within the district had folded prior to the start of any Smart Schools Investment Plan related work. Current reporting does still show Maimonides Day School, as they must reply to the state to be removed from the reporting, but to date have not done so. This concern is also a regular occurrence in the filing of all our grant proposals, and the office that does so has just provided us with the letter needed to forward.

Page Last Modified: 05/22/2023

4. **Describe the linkage between the district's District Instructional Technology Plan and how the proposed projects will improve teaching and learning. (There should be a link between your response to this question and your responses to Question 1 in Section IV - NYSED Initiatives Alignment: "Explain how the district use of instructional technology will serve as a part of a comprehensive and sustained effort to support rigorous academic standards attainment and performance improvement for students."**

Your answer should also align with your answers to the questions in Section II - Strategic Technology Planning and the associated Action Steps in Section III - Action Plan.)

(No Response)

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.

(No Response)

6. **Smart Schools plans with any expenditures in the School Connectivity category require a project number from the Office of Facilities Planning. Districts must submit an SSBA LOI and receive project numbers prior to submitting the SSIP. As indicated on the LOI, some projects may be eligible for a streamlined review and will not require a building permit.**

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

Project Number
58-02-05-06-7-999-008
58-02-05-06-7-999-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.**

Smart Schools Investment Plan - Revised - SachemSSIPr1-Amendment 1

School Connectivity

Page Last Modified: 05/22/2023

Name	License Number
John M. Grillo	27360

9.   Public Expenditures – Loanable (Counts toward the nonpublic loan calculation)

Select the allowable expenditure type. Repeat to add another item under each type.	**PUBLIC** Items to be Purchased	Quantity	Cost Per Item	Total Cost
Network/Access Costs	Meraki MR74 Cloud Managed AP	64	-69.95	-4,476.80
Network/Access Costs	Meraki 5Ghz Sector Antenna	64	-17.45	-1,116.80
Network/Access Costs	Meraki MR42 Cloud Managed AP	1,155	-54.95	-63,467.25
Network/Access Costs	Meraki 2.4Ghz Sector Antenna	64	-17.45	-1,116.80
Network/Access Costs	4510R+E Chassis, Two WS-X4748-RJ45V+E	-12	22,011.00	-264,132.00
Network/Access Costs	Catalyst 4500 E-Series 12-Port 10GbE (SFP+)	-2	16,440.10	-32,880.20
Network/Access Costs	Catalyst 9500 48-Port x 1/10/25G + 4-port	2	-2,585.00	-5,170.00
Network/Access Costs	9500 24x1/10/25G and 4-port 40/100G 1Y	2	-2,376.00	-4,752.00
Internal Components and Connections	Catalyst 4500 E-Series Redundant Sup 8-E	-12	12,177.10	-146,125.20
Network/Access Costs	Nexus 9K Fixed w/48p 10G SFP+ and 6p 40G	8	-613.75	-4,910.00
Internal Components and Connections	Supervisor B+ for Nexus 9500	4	-2,200.00	-8,800.00
Internal Components and Connections	Nexus 9500 linecard, 48p 1/10G-T & 4p	8	561.25	4,490.00
Internal Components and Connections	Fabric Module for Nexus 9508 chassis	8	-632.00	-5,056.00
Internal Components and Connections	Cisco 10GBASE-ZR SFP10G Module for SMF	2	-1,760.00	-3,520.00
Network/Access Costs	Nexus 9508 Chassis with 8 linecard slots	2	-1,972.50	-3,945.00
Network/Access Costs	Catalyst 4500E 48-port UPOE 10/100/1000	-29	5,852.80	-169,731.20
Network/Access Costs	Catalyst 2960-X 48 GigE PoE 740W,	-181	4,637.10	-839,315.10
Internal Components and Connections	Catalyst 4500 6000W AC dual input PS	-24	2,433.10	-58,394.40
Internal Components and Connections	Nexus 9500 3000W Universal	8	555.00	4,440.00

Smart Schools Investment Plan - Revised - SachemSSIPr1-Amendment 1

School Connectivity

Page Last Modified: 05/22/2023

Select the allowable expenditure type. Repeat to add another item under each type.	**PUBLIC** Items to be Purchased	Quantity	Cost Per Item	Total Cost
	PS			
Network/Access Costs	WS-X4748-UPOE+E Upgrade	-12	1,740.00	-20,880.00
Internal Components and Connections	Cisco Pluggable SSD Storage	4	-330.00	-1,320.00
Internal Components and Connections	650W AC Config 4 Power Supply	4	-231.00	-924.00
Internal Components and Connections	Catalyst 2960-X FlexStack Plus	-176	693.10	-121,985.60
Internal Components and Connections	QSFP40G BiDi Short-Reach Transceiver	40	-69.22	-2,768.80
Internal Components and Connections	1000BASE-LX/LH SFP Transc Module	32	-115.18	-3,685.76
Internal Components and Connections	10GBASE-SR SFP Module	340	-84.21	-28,631.40
Internal Components and Connections	existing closets: 1000BASE-SX SFP Transc.	75	-58.24	-4,368.00
Internal Components and Connections	1000BASE-T SFP Transceiver Module	44	-42.63	-1,875.72
Internal Components and Connections	Console Cable 6ft w/USB Type A & mini-B	-64	17.40	-1,113.60
Network/Access Costs	Ball Bearing Rail Kit for C220 M4 and C240	-1	132.00	-132.00
Network/Access Costs	64GB SD Card for UCS Servers	-2	218.40	-436.80
Network/Access Costs	770W AC Hot-Plug Power Supply	-2	419.40	-838.80
Network/Access Costs	Cisco 12G SAS Module Raid Controller	-1	393.60	-393.60
Network/Access Costs	Cisco 12Gbps SAS 1GB FBWC cache module	-4	730.20	-2,920.80
Network/Access Costs	2.4 GHz E5-2640 v4/90W 10C/25MB Cache	-4	1,790.40	-7,161.60
Network/Access Costs	Intel i350 quad-port MLOM NIC	-4	402.60	-1,610.40
Network/Access Costs	Smart-UPS 100Va w/Smart Connect	-60	650.00	-39,000.00
Network/Access Costs	Smart-UPS SRT 8000VA/8000W 208V RM	-14	5,403.00	-75,642.00
Network/Access Costs	Smart-UPS SRT 192V 8kVA 3U RM Battery	-15	1,140.00	-17,100.00

Smart Schools Investment Plan - Revised - SachemSSIPr1-Amendment 1

School Connectivity

Page Last Modified: 05/22/2023

Select the allowable expenditure type. Repeat to add another item under each type.	**PUBLIC** Items to be Purchased	Quantity	Cost Per Item	Total Cost
Network/Access Costs	Smart-UPS 20kVA System Build	-2	20,000.00	-40,000.00
Internal Components and Connections	Replacement of all bldg LAN fiber for 10Gb Connect.	1	182,733.00	182,733.00
Internal Components and Connections	Replacement of all bldg LAN Cat6 Cabling, all sites	1	288,328.18	288,328.18
Internal Components and Connections	Nexus and Cisco network setup and configuration	1	48,735.10	48,735.10
Network/Access Costs	NX-OS Essentials Lic for Module Platforms Slot 8-16	2	1,950.00	3,900.00
Network/Access Costs	Paper IP to Ent Services License	-12	6,087.10	-73,045.20
Network/Access Costs	SOLN SUPP 8x5x4OS Catalyst 9500 48 Port	2	-1,197.30	-2,394.60
Network/Access Costs	8x5x4OS 4510R+E Chassis	-12	3,346.85	-40,162.20
Network/Access Costs	SWSS Upgrades NX-OS Essentials Lic	2	543.00	1,086.00
Network/Access Costs	SNTC-8x5x4OS Nexus 9300 w/48p 10G SFP+	8	5.45	43.60
Network/Access Costs	8x5x4OS Catalyst 2960-X 48 GigE PoE	-181	594.10	-107,532.10
Network/Access Costs	Cisco Catalyst 9500 High Density 1-Yr Lic	2	4,114.20	8,228.40
Network/Access Costs	Preliminary US GPL - Meraki MR Ent Lic, 5Yrs	1,219	13.50	16,456.50
Network/Access Costs	Cisco ISE Device Admin Lic	1	2,240.00	2,240.00
Network/Access Costs	Cisco Identity Svcs Engine 10000 EndPoint Base Lic	2	-5,565.00	-11,130.00
Network/Access Costs	Cisco ISE 1YR 5K Endpoint Plus Lic	1	-785.00	-785.00
Network/Access Costs	Cisco ISE 1YR 5K Endpoint Apex Lic	1	-231.00	-231.00
Network/Access Costs	cisco AnyConnect Lic, 1Yr 5K-9999 Users	5,000	-0.20	-1,000.00
Network/Access Costs	8x5x4OS UCS C220 M4 SFF w/o CPU, Mem, HD	-1	363.35	-363.35
Network/Access Costs	Vsphere Standard for 1 CPU, Annual List 1Yr Reqd	-1	246.00	-246.00
Network/Access Costs	SW APP SUPP Cisco Identity	-4	584.35	-2,337.40

Smart Schools Investment Plan - Revised - SachemSSIPr1-Amendment 1

School Connectivity

Page Last Modified: 05/22/2023

Select the allowable expenditure type. Repeat to add another item under each type.	**PUBLIC** Items to be Purchased	Quantity	Cost Per Item	Total Cost
	Svcs Enginer VM			
Internal Components and Connections	Cisco ISE Configuration and Installation	1	-14,565.00	-14,565.00
Network/Access Costs	Vmware vSphere 6 Standard (1 CPU), 1Yr Support	-1	995.00	-995.00
Network/Access Costs	SOLN SUPP 8X5X4OS 9500 1Y DNA Essentials, HW	2	2,254.85	4,509.70
Network/Access Costs	Smart-UPS 10000VA RM-UPS - 10kW	10	5,659.72	56,597.20
Network/Access Costs	Smart-UPS SRT 5000VA RM-UPS-4800Watt with 208V to 120V	20	4,016.57	80,331.40
Internal Components and Connections	10GBASE-SR SFP Module	144	492.89	70,976.16
Internal Components and Connections	Cisco 10GBASE-ZR SFP10G Module for SMF	2	7,520.00	15,040.00
Network/Access Costs	Cisco C9500 Network Advantage Low Density License K12	2	2,820.00	5,640.00
Network/Access Costs	Catalyst 9200L 48-port PoE+ only, 4x10G uplinks, K12	181	3,419.25	618,884.25
Network/Access Costs	C9200L Network Essentials, 48-port license K12	181	486.45	88,047.45
Internal Components and Connections	Cisco Catalyst 9200L Stack Module	176	616.88	108,570.88
Internal Components and Connections	Cisco Catalyst 9400 Series 48-Port UPOE 10/100/1000 (RJ-45)	53	4,314.60	228,673.80
Network/Access Costs	Cisco Catalyst 9400 EDU Network Advantage License	24	4,314.60	103,550.40
Internal Components and Connections	Cisco Catalyst 9400 Series 3200W AC Power Supply	48	958.80	46,022.40
Network/Access Costs	Catalyst 9400 Series 10 slot,Sup, 2xC9400-LC-48U, EDU LIC	12	13,818.00	165,816.00
Network/Access Costs	Cisco Catalyst 9400 Series Redundant Supervisor 1 Module	12	6,711.60	80,539.20
Network/Access Costs	8X5X4OS Catalyst 9200L 48-port PoE+ only, 4x10G	181	675.56	122,276.36
Network/Access Costs	8X5X4OS Catalyst 9400	12	2,578.09	30,937.08

Smart Schools Investment Plan - Revised - SachemSSIPr1-Amendment 1

School Connectivity

Page Last Modified: 05/22/2023

Select the allowable expenditure type. Repeat to add another item under each type.	**PUBLIC** Items to be Purchased	Quantity	Cost Per Item	Total Cost
	Series 10 slot,Sup, 2xC940			
Internal Components and Connections	Cisco 12G Modular RAID controller with 2GB cache	3	970.20	2,910.60
Internal Components and Connections	Intel i350 Quad Port 1Gb Adapter	3	915.75	2,747.25
Internal Components and Connections	Onsite 8x5x4 UCS C220 M5 SFF 10 HD w/o CPU, mem, HD, PCIe,	3	376.74	1,130.22
Internal Components and Connections	16GB DDR4-2933-MHz RDIMM/1Rx4/1.2v	24	454.05	10,897.20
Internal Components and Connections	Intel 4214 2.2GHz/85W 12C/16.75MB DDR4 2400MHz	3	1,170.00	3,510.00
Internal Components and Connections	SWSS UPGRADES Cisco ISE Virtual Machine Medium	3	2,116.80	6,350.40
Network/Access Costs	UCS C220 M4 SFF w/o CPU, mem, HD, PCIe, PSU, rail kit	-1	2,119.80	-2,119.80
Network/Access Costs	UCS C220 M4 SFF w/o CPU, mem, HD, PCIe, PSU, rail kit	3	-128.63	-385.89
Network/Access Costs	16GB DDR4-2400-MHz RDIMM/PC4-19200/single rank/x4/1.2v	16	-225.15	-3,602.40
Network/Access Costs	16GB DDR4-2400-MHz RDIMM/PC4-19200/single rank/x4/1.2v	8	454.05	3,632.40
Network/Access Costs	Qlogic QLE8442 dual-port 10GBase-T NIC	-4	1,006.80	-4,027.20
Network/Access Costs	Ball Bearing Rail Kit for C220 M4 and C240 M4 rack servers	3	-33.00	-99.00
Network/Access Costs	64GB SD Card for UCS Servers	6	-54.60	-327.60
Network/Access Costs	770W AC Hot-Plug Power Supply for 1U C-Series Rack Server	6	104.85	629.10
Network/Access Costs	VMware vSphere 6 Standard (1 CPU), 1-yr, Support Required	3	-248.75	-746.25
Network/Access Costs	Cisco 12G SAS Modular Raid Controller	3	576.60	1,729.80
Network/Access Costs	600GB 12G SAS 10K RPM SFF HDD	-4	643.80	-2,575.20
	600GB 12G SAS 10K RPM	12	-183.90	-2,206.80

Smart Schools Investment Plan - Revised - SachemSSIPr1-Amendment 1

School Connectivity

Page Last Modified: 05/22/2023

Select the allowable expenditure type. Repeat to add another item under each type.	**PUBLIC** Items to be Purchased	Quantity	Cost Per Item	Total Cost
Network/Access Costs	SFF HDD			
Network/Access Costs	Intel i350 quad-port MLOM NIC	-4	402.60	-1,610.40
Network/Access Costs	8x5x4OS UCS C220 M4 SFF w/o CPU, Mem, HD	3	13.39	40.17
Network/Access Costs	VSphere Standard for 1 CPU; ANNUAL List 1-YR Reqd	3	161.70	485.10
Network/Access Costs	Cisco Identity Services Engine VM (eDelivery)	-1	6,300.00	-6,300.00
Network/Access Costs	Cisco Identity Services Engine VM (eDelivery)	3	1,952.13	5,856.39
Network/Access Costs	DNA Essential 3Yr Lic	-2	1,102.00	-2,204.00
		8,493	**684,328.79**	**156,323**

10. Public Expenditures – Non-Loanable (Does not count toward nonpublic loan calculation)

Select the allowable expenditure type. Repeat to add another item under each type.	**PUBLIC** Items to be purchased	Quantity	Cost per Item	Total Cost
(No Response)	(No Response)	(No Response)	(No Response)	0.00
		0	**0.00**	**0**

11. **Final 2014-15 BEDS Enrollment to calculate Nonpublic Sharing Requirement (no changes allowed.)**

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	13,756	207	13,963.00	1.48

12. **Total Public Budget - Loanable (Counts toward the nonpublic loan calculation)**

	Public Allocations	Estimated Nonpublic Loan Amount	Estimated Total Sub-Allocations
Network/Access Costs	-466,099.04	-0.00	-466,099.04
School Internal Connections and Components	622,421.71	0.00	622,421.71
Other	(No Response)	0.00	0.00
Totals:	**156,322.67**	**0**	**156,323**

13. Total Public Budget – Non-Loanable (Does not count toward the nonpublic loan calculation)

Smart Schools Investment Plan - Revised - SachemSSIPr1-Amendment 1

School Connectivity

Page Last Modified: 05/22/2023

	Sub-Allocation
Network/Access Costs	(No Response)
Outside Plant Costs	(No Response)
School Internal Connections and Components	(No Response)
Professional Services	(No Response)
Testing	(No Response)
Other Upfront Costs	(No Response)
Other Costs	(No Response)
Totals:	**0.00**

14.   **School Connectivity Totals**

	Total Sub-Allocations
Total Loanable Items	156,322.67
Total Non-loanable Items	0.00
Totals:	**156,323**

Smart Schools Investment Plan - Revised - SachemSSIPr1-Amendment 1

Community Connectivity (Broadband and Wireless)

Page Last Modified: 03/17/2023

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. **Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category.**

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
(No Response)	(No Response)	(No Response)	(No Response)	0.00
		0	0.00	0

7. **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)

Smart Schools Investment Plan - Revised - SachemSSIPr1-Amendment 1

Community Connectivity (Broadband and Wireless)

Page Last Modified: 03/17/2023

	Sub-Allocation
Totals:	**0.00**

Smart Schools Investment Plan - Revised - SachemSSIPr1-Amendment 1

Classroom Learning Technology

Page Last Modified: 03/17/2023

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). If the district currently meets the required speed, enter "Currently Met" in the last box: Expected Date When Required Speed Will be Met.

	Number of Students	Required Speed in Mbps	Current Speed in Mbps	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	(No Response)	0.00	(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)

Smart Schools Investment Plan - Revised - SachemSSIPr1-Amendment 1

Classroom Learning Technology

Page Last Modified: 03/17/2023

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

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

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

5. **Describe the devices you intend to purchase and their compatibility with existing or planned platforms or systems. Specifically address the adequacy of each facility's electrical, HVAC and other infrastructure necessary to install and support the operation of the planned technology.**
(No Response)

6. **Describe how the proposed technology purchases will:**
   > enhance differentiated instruction;
   > expand student learning inside and outside the classroom;
   > benefit students with disabilities and English language learners; and
   > contribute to the reduction of other learning gaps that have been identified within the district.

The expectation is that districts will place a priority on addressing the needs of students who struggle to succeed in a rigorous curriculum. Responses in this section should specifically address this concern and align with the district's Instructional Technology Plan (in particular Question 2 of E. Curriculum and Instruction: "Does the district's instructional technology plan address the needs of students with disabilities to ensure equitable access to instruction, materials and assessments?" and Question 3 of the same section: "Does the district's instructional technology plan address the provision of assistive technology specifically for students with disabilities to ensure access to and participation in the general curriculum?")

In addition, describe how the district ensures equitable access to instruction, materials and assessments and participation in the general curriculum for both SWD and English Language Learners/Multilingual Learners (ELL/MLL) students.

Please note: If this plan has been identified as a Remote Learning Plan to be submitted and reviewed on an expedited basis, the district should explain how this plan will facilitate remote and hybrid learning, in lieu of responding to the question above.
(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)

Page Last Modified: 03/17/2023

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."

Please note: If this plan has been identified as a Remote Learning Plan to be submitted and reviewed on an expedited basis, the district should provide a statement confirming that the district has provided or will provide professional development on these devices to its staff, in lieu of responding to the question above.

(No Response)

9.   **Districts must contact one of the SUNY/CUNY teacher preparation programs listed on the document on the left side of the page 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.   **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.

11.   **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.

12.

Page Last Modified: 03/17/2023

Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category.

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be Purchased	Quantity	Cost per Item	Total Cost
(No Response)	(No Response)	(No Response)	(No Response)	0.00
		0	**0.00**	**0**

13.   **Final 2014-15 BEDS Enrollment to calculate Nonpublic Sharing Requirement (no changes allowed.)**

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	13,756	207	13,963.00	1.48

14.   **If you are submitting an allocation for Classroom Learning Technology complete this table.**

	Public School Sub-Allocation	Estimated Nonpublic Loan Amount (Based on Percentage Above)	Estimated Total Public and Nonpublic Sub-Allocation
Interactive Whiteboards	(No Response)	0.00	0.00
Computer Servers	(No Response)	0.00	0.00
Desktop Computers	(No Response)	0.00	0.00
Laptop Computers	(No Response)	0.00	0.00
Tablet Computers	(No Response)	0.00	0.00
Other Costs	(No Response)	0.00	0.00
Totals:	**0.00**	**0**	**0**

Smart Schools Investment Plan - Revised - SachemSSIPr1-Amendment 1

Pre-Kindergarten Classrooms

Page Last Modified: 03/17/2023

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 new 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. **Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category.**

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
(No Response)	(No Response)	(No Response)	(No Response)	0.00
		0	**0.00**	**0**

6. **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	

Smart Schools Investment Plan - Revised - SachemSSIPr1-Amendment 1

Pre-Kindergarten Classrooms

Page Last Modified: 03/17/2023

	Sub-Allocation
	(No Response)
Enhance/Modernize Educational Facilities	(No Response)
Other Costs	(No Response)
Totals:	**0.00**

Smart Schools Investment Plan - Revised - SachemSSIPr1-Amendment 1

Replace Transportable Classrooms

Page Last Modified: 03/17/2023

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. **Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category.**

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
(No Response)	(No Response)	(No Response)	(No Response)	0.00
		0	0.00	0

5. **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:	**0.00**

Smart Schools Investment Plan - Revised - SachemSSIPr1-Amendment 1

High-Tech Security Features

Page Last Modified: 05/22/2023

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.**

This amendment is to account for the reductions realized in cost changes based on model and quantity discounts. The items being removed are the old models, and those being added are the newer. While the naming of the P3375 IP Camera does not include the word, "Dome" on the quote, all four types listed (P3375-VE Outdoor Dome Camera, P3375-V IP Camera, P3245-VE Dome Camera and P3245-V Dome Camera) are all dome cameras. The devices maintain the same expectation of style and function just a newer model, and the work and completion of the project are not impacted by this cost savings. Increases in need within the School Connectivity section require this reduction to be shown to allocate the savings to that section for the completion of work, invoicing and reimbursement.

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. Smart Schools plans with any expenditures in the High-Tech Security category require a project number from the Office of Facilities Planning. Districts must submit an SSBA LOI and receive project numbers prior to submitting the SSIP. As indicated on the LOI, some projects may be eligible for a streamlined review and will not require a building permit.**
Please indicate on a separate row each project number given to you by the Office of Facilities Planning.

Project Number
58-02-05-06-7-999-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
John M. Grillo	27360

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

Smart Schools Investment Plan - Revised - SachemSSIPr1-Amendment 1

High-Tech Security Features

Page Last Modified: 05/22/2023

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	ProSupport Plus 7x24 HW/SW 3 Yr	-1	1,158.00	-1,158.00
Electronic Security System	PowerEdge R640 Server	-1	850.00	-850.00
Electronic Security System	P3375-VE Outdoor Dome Camera	-120	710.21	-85,225.20
Electronic Security System	P3375-V IP Camera	-765	552.21	-422,440.65
Electronic Security System	C H740P RAID Controller, 8GB NV Cache, Mini card	-1	524.50	-524.50
Electronic Security System	Intel Xeon Silver 4110 2.1G, 8C/16T, 9.6GT/s , 11M Cache, Turbo, HT (85W) DDR4-2400	-1	419.50	-419.50
Electronic Security System	Intel Xeon Silver 4110 2.1G, 8C/16T, 9.6GT/s , 11M Cache, Turbo, HT (85W) DDR4-2400	-1	419.50	-419.50
Electronic Security System	300GB 15K RPM SAS 12Gbps 512n 2.5in Hot-plug Hard Drive	-10	374.53	-3,745.30
Electronic Security System	Dual, Hot-plug, Redundant Power Supply (1+1), 750W	-1	344.50	-344.50
Electronic Security System	168GB RDIMM, 2666MT/s, Dual Rank	-2	272.50	-545.00
Electronic Security System	iDRAC9,Enterprise	-1	244.50	-244.50
Electronic Security System	Broadcom 57412 2 Port 10Gb SFP+ + 5720 2 Port 1Gb Base-T,rNDC	-1	234.50	-234.50
Electronic Security System	Dell Hardware Limited Warranty Plus On-Site Service	-1	100.00	-100.00
Electronic Security System	Quick Sync 2 (At-the-box mgmt)	-1	74.50	-74.50
Electronic Security System	2.5 Chassis with up to 10 Hard Drives and 3PCIe slots	-1	50.00	-50.00
Electronic Security System	350-BBBW No Bezel Server Plate	-1	24.50	-24.50
Electronic Security System	Riser Config 2, 3x16 LP	-1	9.50	-9.50
Electronic Security System	Standard 1U Heatsink	-1	19.00	-19.00
Electronic Security System	Precision 3930 Rack XCTO Base	1	3,792.36	3,792.36
Electronic Security System	P3245-VE Dome Camera	120	489.01	58,681.20
Electronic Security System	P3245-V Dome Camera	765	381.62	291,939.30
Electronic Security System	Professional Services-Configuration	1	5,693.12	5,693.12

Smart Schools Investment Plan - Revised - SachemSSIPr1-Amendment 1

High-Tech Security Features

Page Last Modified: 05/22/2023

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
	and Installation of Video Surveillance Servers/Programming			
		-24	16,738.06	-156,323

6. **If you have made an allocation for High-Tech Security Features, complete this table.**

Enter each Sub-category Public Allocation based on the the expenditures listed in Table #5.

	Sub-Allocation
Capital-Intensive Security Project (Standard Review)	(No Response)
Electronic Security System	-156,322.67
Entry Control System	(No Response)
Approved Door Hardening Project	(No Response)
Other Costs	(No Response)
Totals:	**-156,322.67**