

Smart Schools Investment Plan - Revised - HFCSDSSIP#1

SSIP Overview

Institution ID

800000039588

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

Emily Sanders

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

5186867321

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

sanderse@hoosickfallscsd.org

2. **Please indicate below whether this is the first submission, a new or supplemental submission or an amended submission of an approved Smart Schools Investment Plan.**

First submission

3. **All New York State public school districts are required to complete and submit a District Instructional Technology Plan survey to the New York State Education Department in compliance with Section 753 of the Education Law and per Part 100.12 of the Commissioner's Regulations. Districts that include investments in high-speed broadband or wireless connectivity and/or learning technology equipment or facilities as part of their Smart Schools Investment Plan must have a submitted and approved Instructional Technology Plan survey on file with the New York State Education Department.**

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

District Educational Technology Plan Submitted to SED and Approved

4. **Pursuant to the requirements of the Smart Schools Bond Act, the planning process must include consultation with parents, teachers, students, community members, other stakeholders and any nonpublic schools located in the district.**

By checking the boxes below, you are certifying that you have engaged with those required stakeholders.

Parents

Teachers

Students

Community members

This plan has been identified as a Remote Learning Plan and meets the criteria per the SSBA Guidance to be submitted and reviewed on an expedited basis, therefore the district did not consult with certain stakeholder groups including parents, teachers, students, community members and/or nonpublic schools in the district prior to submission of the application.

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

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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 occurred as part of a normal Board meeting, but adequate notice of the event must have been provided through local media and the district website for at least two weeks prior to the meeting.
- The district prepared a final plan for school board approval and such plan has been approved by the school board.
- The final proposed plan that has been submitted has been posted on the district's website.
- This Plan has been identified as a Remote Learning Plan and meets the criteria per the SSBA Guidance to be submitted and reviewed on an expedited basis, therefore this plan has not met certain stakeholder engagement requirements including, consulting with nonpublic schools in advance of plan submission, having the school board conduct a hearing on the plan and/or posting the plan to the district website for a minimum of 30 days. This district will post the Remote Learning Plan to the district's website upon submission of the application.

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.

SMART-SCHOOLS-BOND-ACT.pdf
 SSBA-Initial-Submission.pdf

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.

<http://hoosickfallscsd.org/hfcsd-capital-project-updates/>

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.

1,345

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:

\$1,089,738

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	1,119	193	1,312.00	14.71

13. This table compares each category budget total, as entered in that category's page, to the total expenditures listed

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in the category's expenditure table. Any discrepancies between the two must be resolved before submission.

	Sub-Allocations	Expenditure Totals	Difference
School Connectivity	332,386.84	332,386.84	0.00
Connectivity Projects for Communities	0.00	0.00	0.00
Classroom Technology	37,995.00	37,995.00	0.00
Pre-Kindergarten Classrooms	0.00	0.00	0.00
Replace Transportable Classrooms	0.00	0.00	0.00
High-Tech Security Features	192,033.00	192,033.00	-0.00
Nonpublic Loan	47,799.32	47,799.32	-0.00
Totals:	610,214	610,214	-0

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School Connectivity

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 has a 200Mbps connection to the Internet. This exceeds the 100Mbps per 1,000 students requirement, given current and anticipated future enrollment.

- 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	1,120	112.00	200	200	Currently met

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 Hoosick Falls Central School District intends to use the Smart Schools Bond Act funds to expand wireless access, install rooftop antennae and cabling for emergency responders, and purchase servers, switches and power supplies for the network. The technology plan includes the goal of improving wireless connectivity for all students and staff in both the high school and elementary school. The number of wifi access points (WAPs) will be significantly increased in instructional spaces, allowing for an increase in the number of devices concurrently used in a given area. This will allow for more students to use devices at the same time with no decrease of performance.

Switches, servers and associated power supplies will be purchased to update the networking capabilities for the district. These upgrades are necessary for the updated network to function. Additionally, rooftop antennae and coaxial cabling will be installed in and on the building to bridge gaps in connectivity as well as increase the ability of emergency responders to maintain adequate signals for communication.

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School Connectivity

- 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.)

By providing an increase in the number of wireless devices which can connect concurrently, we will create the foundation for a one-to-one device deployment to students while attending in-person instruction. This rollout will enable greater adoption of online resources as routine classroom tools. A few examples include Google Classroom for distributing materials in class and collecting assignments, online video for instructional differentiation, and checking for missing assignments in SchoolTool.

As part of the Technology Plan, the district will continue to foster student learning via digital and collaborative learning environments by expanding wireless access. A Google platform will continue to serve as the primary tool for communication, creativity, collaboration and critical thinking. These tools also provide a home-to-school connection for students and teachers for remote instruction. Over the next two years, the goal is to expand the mobile learning environment to all classrooms by installing an access point in every classroom, thereby providing all students and staff with fast and reliable network and internet access.

- 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 order to install a robust wireless network, the district has determined that it is necessary to install wireless access points in all classrooms and locations in common areas to ensure that wireless signals are available. We have worked with a well established networking vendor to evaluate our wireless network needs. We have relied on their experience to select specific hardware and designs to meet our goals, but have also vetted those designs with the district's Network Administrator. Design was specifically shaped to include a wireless access point (WAP) in each classroom as a means of preventing too many devices from connecting to a given WAP and maintaining adequate "device density." New switches, servers and associated power supplies must be purchased for the network to functionally support the upgrades.

- 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
49-05-01-06-0-001-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.

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School Connectivity

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

Name	License Number
James Edward Graham	23879

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	Aruba AP-514 (US) Unified AP	7	596.31	4,174.17
Network/Access Costs	Aruba AP-MNT-MP10-D AP mount bracket 10-pack D	2	134.81	269.62
Network/Access Costs	ARUBA AP-515 US UNIFIED CTLR AP	96	596.31	57,245.76
Network/Access Costs	Aruba AP-ANT-1W 2.4 5G 4 6DBI OMNI ACCS PL=VL	68	18.16	1,234.88
Network/Access Costs	Aruba CM AP-MNT-B AP mount kit	6	15.56	93.36
Network/Access Costs	Aruba AP-535 (US) Unified AP	4	814.10	3,256.40
Network/Access Costs	10PK AP-MNT-MP10-A AP MOUNT MNT BRACKET A	10	106.31	1,063.10
Network/Access Costs	Aruba AP-505 (US) Unified AP	6	378.53	2,271.18
Network/Access Costs	ARUBA AP-534 US UNIFIED AP WRLS	10	814.10	8,141.00
Network/Access Costs	PC-AC-NA North America AC Power Cord	2	2.59	5.18
Network/Access Costs	ARUBA CLEARPASS NL EY 1K CE ESD E-LTU	1	3,370.47	3,370.47
Network/Access Costs	ARUBA CLEARPASS C2000 DL20 GEN9PERP HW APPL	2	7,622.46	15,244.92
Network/Access Costs	ARUBA CLEARPASS NL EY 500 CE ELEC E-LTU	1	1,944.49	1,944.49
Network/Access Costs	5YR ARUBA FOUNDATION CARE NBD SVCS EXCH EDU/RC2KDL20APPLSVC	1	3,909.41	3,909.41
Network/Access Costs	ARUBA 5YR FOUNDTION CARE 24X7 SVCS EDU/R CP NL EY 1K CESVC	1	1,391.52	1,391.52
Network/Access Costs	ARUBA 5YR FOUNDTION CARE 24X7 SVCS EDU/R CP NL EY 500CESVC PL-L4	1	791.98	791.98
Network/Access Costs	Tripp Lite 45U 4-Post Open Frame Rack Cabinet Threaded 12-24 Mounted Holes - 45U Rack	1	415.47	415.47

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School Connectivity

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 SRT 6000VA RM WITH PERP 208V TO 120V 2U	1	5,756.92	5,756.92
Network/Access Costs	SMARTUPS SRT 5KVA 192V AND 6KVABATT RM BATT	1	1,299.75	1,299.75
Network/Access Costs	PDU BASIC 5/5.8KW 208-240V 30A PERP 6 C19 32 C13 L6-30P 10FT CORD 0U	1	257.85	257.85
Network/Access Costs	6FT POWER EXTENSION CORD 14 AWGCABL 15A C14 TO C13 HEAVY DUTY	10	6.76	67.60
Network/Access Costs	Tripp Lite 45U 4-Post Open Frame Rack Cabinet Threaded 12-24 Mounted Holes - 45U Rack	1	415.47	415.47
Network/Access Costs	Smart-UPS X SMX3000RMLV2U 3000 VA Rack-mountable UPS - 2Uq	1	1,641.69	1,641.69
Network/Access Costs	Tripp Lite 45U 4-Post Open Frame Rack Cabinet Threaded 12-24 Mounted Holes - 45U Rack	1	415.47	415.47
Network/Access Costs	Smart-UPS X SMX3000RMLV2U 3000 VA Rack-mountable UPS - 2U	1	1,641.69	1,641.69
Network/Access Costs	Tripp Lite 45U 4-Post Open Frame Rack Cabinet Threaded 12-24 Mounted Holes - 45U Rack	1	415.47	415.47
Network/Access Costs	Smart-UPS X SMX3000RMLV2U 3000 VA Rack-mountable UPS - 2U	1	1,641.69	1,641.69
Network/Access Costs	Panduit NetRunner Vertical Cable Manager - Black - 1 Pack - 45U	8	230.49	1,843.92
Network/Access Costs	Panduit NetRunner Rack Cable Management Panel - Black - 1 Pack - 45U	1	283.22	283.22
Network/Access Costs	C2G 1ft Cat6 Snagless Unshielded (UTP) Cat6 Cable - 1 Foot	770	1.89	1,455.30
Network/Access Costs	C2G 2Meter (6.6ft) LC-LC 10Gb 50/125 LC Male - LC Male OM3 Duplex Multimode PVC Fiber Optic Cable - Aqua	16	18.06	288.96

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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	Aruba 10G SFP+ LC SR 300m MMF Transceiver	8	539.26	4,314.08
Network/Access Costs	Aruba 10G SFP+ to SFP+ 1m DAC Cable	2	54.44	108.88
Network/Access Costs	Aruba 10G SFP+ to SFP+ 3m DAC Cable	3	77.78	233.34
Network/Access Costs	Aruba X371 12VDC 250W Power Supply`	4	284.67	1,138.68
Network/Access Costs	Aruba 25G SFP28 to SFP28 0.65m DAC Cable	2	123.93	247.86
Network/Access Costs	Aruba 6300M 24SFP+ 4SFP56 Switch	2	8,814.30	17,628.60
Network/Access Costs	Aruba 6200F 48G Class4 PoE 4SFP+ 740W Switch	3	3,862.44	11,587.32
Network/Access Costs	Aruba Central Device Management/Cloud Services 2 Tokens 5yr Subscription E-rate Bundle E-STU	143	142.59	20,390.37
Network/Access Costs	Aruba 10G SFP+ LC SR 300m MMF Transceiver	2	539.26	1,078.52
Network/Access Costs	Aruba 10G SFP+ to SFP+ 1m DAC Cable	3	54.44	163.32
Network/Access Costs	Aruba 10G SFP+ to SFP+ 3m DAC Cable	1	77.78	77.78
Network/Access Costs	Aruba 6200F 48G Class4 PoE 4SFP+ 740W Switch	4	3,862.44	15,449.76
Network/Access Costs	Aruba 10G SFP+ LC SR 300m MMF Transceiver	2	539.26	1,078.52
Network/Access Costs	Aruba 10G SFP+ to SFP+ 1m DAC Cable	2	54.44	108.88
Network/Access Costs	Aruba 10G SFP+ to SFP+ 3m DAC Cable	1	77.78	77.78
Network/Access Costs	Aruba 6200F 48G Class4 PoE 4SFP+ 740W Switch	3	3,862.44	11,587.32
Network/Access Costs	Aruba 10G SFP+ LC SR 300m MMF Transceiver	2	539.26	1,078.52
Network/Access Costs	Aruba 6200F 48G Class4 PoE 4SFP+ 740W Switch	1	3,862.44	3,862.44
Network/Access Costs	Aruba 10G SFP+ LC SR 300m MMF Transceiver	2	539.26	1,078.52
Network/Access Costs	Aruba 10G SFP+ to SFP+ 1m DAC Cable	3	54.44	163.32

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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	Aruba 10G SFP+ to SFP+ 3m DAC Cable	1	77.78	77.78
Network/Access Costs	Aruba 6200F 48G Class4 PoE 4SFP+ 740W Switch	4	3,862.44	15,449.76
Network/Access Costs	Aruba 10G SFP+ LC SR 300m MMF Transceiver	2	539.26	1,078.52
Network/Access Costs	Aruba 6200F 48G Class4 PoE 4SFP+ 740W Switch	1	3,861.73	3,861.73
Network/Access Costs	24-Port, Cat6, Patch Panel with 24 RJ45	12	247.15	2,965.80
Network/Access Costs	Aruba AP-574 (US) Outdoor 11ax AP	1	922.96	922.96
Network/Access Costs	Aruba AP-565 (US) Outdoor 11ax AP	1	705.19	705.19
Network/Access Costs	ANT-4x4-5314 5.15-5.9GHz 14dBi 30x30deg Dual Pol MIMO Hi Gain Dir N-Type Outdoor Antenna	1	378.52	378.52
		1,249	75,506.68	239,142

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
Outside Plant Costs	AP-270-MNT-V2 AP-270 Series Outdoor Pole/Wall Short Mount Kit	1	70.01	70.01
Outside Plant Costs	ARUBA PD-9001GO-NA 1P 802.3AT NA PWR	1	378.53	378.53
Outside Plant Costs	AP-270-MNT-V1 270 SERIES MT KIT MNT	1	82.96	82.96
Outside Plant Costs	Aruba PD-MOUNT-OD OTDR MIDSPAN MOUNT MNT KIT	1	70.01	70.01
Outside Plant Costs	ANT-2X2-2314 2.4G 14DBI PANEL ACCS	1	233.35	233.35
Professional Services	Clearpass design, install, and configuration	1	9,400.00	9,400.00
Professional Services	Wireless Network design, install, and configuration	1	15,840.00	15,840.00
Professional Services	Servers and switches install and configuration	1	16,295.00	16,295.00
Other Costs	Servers and switches liftgate delivery	1	750.00	750.00

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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	TES PS71090E 90DB 2W BDA	1	12,830.00	12,830.00
Network/Access Costs	TES PS BBS NEMA 3R NFPA RED	1	1,395.00	1,395.00
Network/Access Costs	PYL12V100FS BATTERIES (24 HR)	2	665.00	1,330.00
Network/Access Costs	YAGI DONOR ANTENNA 11 DB GAIN	1	406.00	406.00
Network/Access Costs	TES WESTELL ANT-O OMNI ANT	22	52.00	1,144.00
Network/Access Costs	POWER TAPPERS	17	78.00	1,326.00
Network/Access Costs	2-WAY POWER DIVIDER	4	74.00	296.00
Network/Access Costs	1/2 OUTDOOR 50 OHM COAX	100	5.50	550.00
Network/Access Costs	1/2 PLENTUM RATED INDOOR	2,500	5.75	14,375.00
Network/Access Costs	N TYPE CONNECTORS	68	41.25	2,805.00
Network/Access Costs	FLEXIBLE JUMPERS	22	70.00	1,540.00
Network/Access Costs	GROUNDING PANEL	1	200.00	200.00
Network/Access Costs	ANT MOUNT NON PENETRATING	1	375.00	375.00
Network/Access Costs	GROUNDING KITS	2	50.00	100.00
Network/Access Costs	4 INCH ROOF PENETRATION WITH BOOT	1	100.00	100.00
Network/Access Costs	WEATHERPROOF KIT	1	33.00	33.00
Network/Access Costs	LIGHTNING PROTECTION DEVICE	2	85.00	170.00
Network/Access Costs	INSTALLATION MATERIALS	1	950.00	950.00
Network/Access Costs	INSTALL LABOR	1	10,200.00	10,200.00
		2,757	70,735.36	93,245

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	1,119	193	1,312.00	14.71

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

	Public Allocations	Estimated Nonpublic Loan Amount	Estimated Total Sub-Allocations
Network/Access Costs	239,141.98	41,246.11	280,388.09
School Internal Connections and Components	0.00	0.00	0.00
Other	0.00	0.00	0.00
Totals:	239,141.98	41,246	280,388

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

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School Connectivity

	Sub- Allocation
Network/Access Costs	50,125.00
Outside Plant Costs	834.86
School Internal Connections and Components	0.00
Professional Services	41,535.00
Testing	0.00
Other Upfront Costs	0.00
Other Costs	750.00
Totals:	93,244.86

14. School Connectivity Totals

	Total Sub-Allocations
Total Loanable Items	280,388.09
Total Non-loanable Items	93,244.86
Totals:	373,633

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Community Connectivity (Broadband and Wireless)

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

(No Response)

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

(No Response)

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

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

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

(No Response)

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

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

6. 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)
Totals:	0.00

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Classroom Learning Technology

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 has a 200Mbps connection to the Internet. This exceeds the 100Mbps per 1,000 students requirement, given current and anticipated future enrollment.

- 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	1,120	112.00	200	200	Already met

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.

In order to install a robust wireless network, the district has determined that it is necessary to install wireless access points in all classrooms and locations in common areas to ensure that wireless signals are available. We have worked with a well established networking vendor to evaluate our wireless network needs. We have relied on their experience to select specific hardware and designs to meet our goals, but have also vetted those designs with the district’s Network Administrator. Design was specifically shaped to include a wireless access point (WAP) in each classroom as a means of preventing too many devices from connecting to a given WAP and maintaining adequate "device density."

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

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

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

Smart Schools Investment Plan - Revised - HFCSDSSIP#1Classroom Learning Technology

- 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.**

The funds will be used to purchase interactive whiteboards in order to replace the failing projectors and smartboards in our classrooms. All our classrooms have been outfitted with smartboards for approximately 10 years, and the smartboards have reached their end-of-life cycle. There is also an increase in the number of projector repairs and the parts for repairs are no longer available. The purchase will eliminate the need for replacing some of the projectors with a new projector and will minimize the repair costs.

Almost all of our teachers are comfortable and well-versed in the use of interactive technology and have come to rely heavily on it for daily instruction. The older projectors and smartboards need to be replaced as quickly as possible to minimize classroom disruption. The teachers can wirelessly connect mobile devices to the whiteboards and display that device's contents to the entire class. The interactive panels will also serve as the primary source of instructional software in the classroom, using web-based resources such as Google Apps (Docs, Sheets, Slides, and Google Classroom, amongst others) and online assessment materials.

All of our buildings' electrical and HVAC systems are well-managed and not expected to be impacted. Our current electrical supply in classrooms is sufficient for providing power to the existing smartboards and projectors and will, therefore, be adequate to supply the power needed for the new interactive whiteboards.

Smart Schools Investment Plan - Revised - HFCSDSSIP#1Classroom Learning Technology

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.

The District will be installing interactive whiteboards (IW) into specific classrooms in each building. The interactive displays engage the students and will assist teachers in delivering instruction in an interactive fashion all of our students, including those students with disabilities and ELLs. An IW allows teachers and students to navigate programs and other digital content via touch as well as providing additional visual content. When students collaboratively work together, they are more likely to be motivated and participate in the learning activities. The IW provide enhanced differentiated instruction by accommodating different learning styles. Tactile learners can learn by touching the board. Visual learners are able to see the subject content and understand concepts in a meaningful way that would otherwise not be obtained via paper and pencil. The IW dynamically expands student learning inside and outside the classroom. Inside the classroom, students are able to interact with the IW through tactile, visual, and auditory means. Outside the classroom, students will be able to apply the skills that were learned in the classroom via the IW to real-life situations. Struggling students, children with disabilities, and students whose primary language is not English can also benefit from this cutting edge technology.

A small list of functions the IW provides for all students:

- The drag function can be used to alter text and sentences
- Video clips can be played back to review past teacher and student work
- Peer collaboration and group work can be enhanced
- Key concepts can be incorporated using video clips, animation, images, and colorful text into lessons
- Phonics activities can be incorporated into their lessons
- Text can be enlarged and highlighted with digital pens
- Text colors and backgrounds can be changed to it more readable
- Students can write using their finger or a pen to practice handwriting and the handwritten letters can be converted to text
- Teachers can display pre-lined paper templates to keep students' handwriting straight
- Audio can be embedded into lessons to reinforce difficult learning concepts.

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.**

The interactive whiteboards (IW) will assist in providing communication experiences with parents and other stakeholders. Parents and students will be able to communicate, where students can present topics of interest to their parents during special events and assemblies. Students will also be able to engage in unique learning experiences both inside and outside the classroom by participating in group projects, video conferencing using Google Meets, virtual field trips, webinars, and broadcasting live announcements. The IW can be used to communicate with surrounding technology-based regional partnerships and school districts, and thereby promote learning experiences from outside the walls of the classroom. The IW can be available to parents and other stakeholders to communicate and provide education via community training events, adult-education programs, and special events that demonstrate community-based projects and initiatives. The purchase of the IW and the use of communication software opens the door to these opportunities in ways that were not possible in the past. The combined purchase of the IW and the successful infrastructure upgrade from our current capital project will increase the potential for distance learning for students.

Smart Schools Investment Plan - Revised - HFCSDSSIP#1

Classroom Learning Technology

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.

The district is committed to providing professional development allowing staff to learn how to utilize technology tools and resources to expand their teaching methods. Technology-related professional development is integrated into the instructional calendar and dedicated to the training of teachers and staff. Training includes various topics such as Google Drive, Google Classroom, and other Google Apps; Chromebook training, Smart Notebook, and Data Analysis. Installation of the interactive whiteboards will provide teachers the opportunity to receive professional development on how to fully use these systems during Superintendent Conference Days. Staff will also be provided in-house training opportunities throughout the year.

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.

University at Albany

- 9b. Enter the primary Institution phone number.

518-442-5092

- 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.

Dr. Jason Lane

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

Smart Schools Investment Plan - Revised - HFCSDSSIP#1

Classroom Learning Technology

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be Purchased	Quantity	Cost per Item	Total Cost
Interactive Whiteboards	PC68176 VIEWBOARD IFP6550-E1 BNDL MNTR AC ADAP & WMK-047-2 WALL MNT	11	2,145.00	23,595.00
Interactive Whiteboards	PC68176 VIEWBOARD IFP8650-E1 BNDL MNTR AC ADAP & WMK-047-2 WALL MNT	3	4,800.00	14,400.00
		14	6,945.00	37,995

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	1,119	193	1,312.00	14.71

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	37,995.00	6,553.20	44,548.20
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:	37,995.00	6,553	44,548

Smart Schools Investment Plan - Revised - HFCSDSSIP#1

Pre-Kindergarten Classrooms

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

(No Response)

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

- Specific descriptions of what the district intends to do to each space;
- An affirmation that 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	(No Response)
Enhance/Modernize Educational Facilities	(No Response)
Other Costs	(No Response)
Totals:	0.00

Smart Schools Investment Plan - Revised - HFCSDSSIP#1

Replace Transportable Classrooms

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 - HFCSDSSIP#1

High-Tech Security Features

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 Smart Schools funds will be used to acquire phones for all classrooms that will integrate with a highly reliable emergency communication system. This security technology will enable the school to lockdown and secure students and staff within seconds of identifying imminent danger. A lockdown can be initiated by anyone witnessing a safety threat by entering a code on the classroom phone. Once initiated, a prerecorded message will be disseminated throughout the school via an IP speaker system, swipe card access to the school will be disabled, and exterior strobe lights will be activated to indicate that the building is in lockdown. Law enforcement will automatically be notified and a message will be sent to parents indicating that there is a lockdown at their child's school. Additionally, the Smart Schools funds will be used for an entry card control system software for access to the building, integrating the current entry card control with the security system.

2. All plans and specifications for the erection, repair, enlargement or remodeling of school buildings in any public school district in the State must be reviewed and approved by the Commissioner. 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
49-05-01-06-0-001-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
JAMES EDWARD GRAHAM	23879

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
Electronic Security System	CRU PWR CBL, US	1	3.71	3.71
Electronic Security System	BX800-SBC-CHASSIS	1	878.00	878.00
Electronic Security System	3C SAL (3C ACCESS LICENSE)	154	100.13	15,420.02
Electronic Security System	3C SRL (RECORDING LICENSE)	5	257.97	1,289.85
Electronic Security System	ITK-32LCGS-1(BK)TEL	152	254.57	38,694.64
Electronic Security System	3C TAL (TRUNK ACCESS LICENSE)	42	61.10	2,566.20
Electronic Security System	AC-Z UNIT	1	30.17	30.17

Smart Schools Investment Plan - Revised - HFCSDSSIP#1

High-Tech Security Features

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Electronic Security System	DESI DCZ-60 DSS (25)	1	16.34	16.34
Electronic Security System	BX800-SBC-10-LIC	1	620.00	620.00
Electronic Security System	3C UCM COMMERCIAL / JITC SOFTWARE USB	1	29.99	29.99
Electronic Security System	DCK-60-1(BK) CONSOLE	1	149.60	149.60
Electronic Security System	M800-ESBC-REMT-IMPL	1	1,650.00	1,650.00
Electronic Security System	BX800-SBC-5-LIC	1	365.00	365.00
Electronic Security System	ITK-32TCGS-1(BK)TEL	2	278.46	556.92
Electronic Security System	SWA STD UNIVERGE BX UNIT	11	8.42	92.62
Electronic Security System	SWA PSA 3C UNIT	164	17.14	2,810.96
Electronic Security System	SWA PSA UM UNIT	32	17.14	548.48
Electronic Security System	SWA PSA UM SP UNIT	410	17.14	7,027.40
Electronic Security System	SV9X UM 32 PORT BASE	1	690.00	690.00
Electronic Security System	SV9X UM - VM ONLY SUBSCRIBER (1)	50	17.00	850.00
Electronic Security System	SV9X UM - UM ADD-ON SUB (25)	2	416.00	832.00
Electronic Security System	SV9X UM - PA SUBSCRIBER (1)	10	17.00	170.00
Electronic Security System	SV9X UM SPEECH PER RESOURCE	32	1,208.32	38,666.24
Electronic Security System	Dell R240 OEM (1U) - WS2016 - UM8700	1	4,500.00	4,500.00
Electronic Security System	Grandstream HT813	1	83.20	83.20
Electronic Security System	HPE ProLiant DL160 Gen10 3206R 1.9GHz 8-core 1P 16GB-R S100i 4LFF 500W PS Server	1	1,191.18	1,191.18
Electronic Security System	HPE 2TB SAS 12G Midline 7.2K LFF (3.5in) LP 1yr Wty Digitally Signed Firmware HDD	2	399.51	799.02
Electronic Security System	HPE Smart Array E208i-p SR Gen10 (8 Internal Lanes/No Cache) 12G SAS PCIe Plug-in Controller	1	225.71	225.71
Electronic Security System	HPE 5Y Foundation Care 24x7 SVC	1	2,102.88	2,102.88
Electronic Security System	HPE DL160 Gen10 Support	1	1,597.19	1,597.19
Electronic Security System	Professional services - labor, install and online support	1	60,280.00	60,280.00
Entry Control System	Kantech KT-400 Starter Kit	1	2,647.14	2,647.14
Entry Control System	Kantech KT-400 Expansion Kit	1	1,928.51	1,928.51
Entry Control System	Kantech TR1675 Transformer	1	70.85	70.85

Smart Schools Investment Plan - Revised - HFCSDSSIP#1

High-Tech Security Features

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Entry Control System	Altronix AL600ULACM Power Supply	1	298.89	298.89
Entry Control System	STI SS2421LD-EN Lockdown Button	2	95.45	190.90
Entry Control System	STI KIT-102722-B Lockdown Spacer Kit	2	11.69	23.38
Entry Control System	HID R40 Reader (Lockdown Reset)	2	188.54	377.08
Entry Control System	Professional Services (Start Up/Programming)	1	1,130.74	1,130.74
Entry Control System	Professional Services (Engineering)	1	628.19	628.19
		1,097	84,482.87	192,033

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)	0.00
Electronic Security System	184,737.32
Entry Control System	7,295.68
Approved Door Hardening Project	0.00
Other Costs	0.00
Totals:	192,033.00

Smart Schools Investment Plan - Revised - HFCSDSSIP#1

Non-Public Schools

1. Describe your plan to utilize SSBA funds to purchase devices and loan to the nonpublic schools within your district. Please specify what devices have been requested by the nonpublic schools. If the nonpublic schools have not finalized requests, the district should provide the date nonpublic schools will submit the request by.

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 state that they will reach out to the nonpublic schools upon submission of the application, in lieu of responding to the question above.

Hoosac School has requested access points and servers to increase Wi-Fi capacity at the private school. Hoosac School has also requested chromebooks under classroom learning technology. The District will follow the existing hardware loan procedure in place. Equipment will be ordered by the District. Items will be received and tagged with Hoosick Falls CSD inventory tags and entered into the fixed asset software for tracking. The Hoosick Falls CSD IT staff will oversee the deployment of the equipment to the private school. Annually, Hoosick Falls CSD will verify equipment is in good working order and still in use by the private school. Items no longer needed will be returned to Hoosick Falls CSD for disposal.

2. A final Smart Schools Investment Plan cannot be approved until school authorities have adopted regulations specifying the date by which requests from nonpublic schools for the purchase and loan of Smart Schools Bond Act classroom technology must be received by the district.

By checking this box, you certify that you have such a plan and associated regulations in place that have been made public.

- 2a. Please enter the date each year nonpublic schools must request loanable items from the school district. This date cannot be earlier than June 1 of the previous school year.

June 1

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	1,119	193	1,312.00	14.71

4. Nonpublic Loan Calculator

	Loanable School Connectivity	Loanable Classroom Technology	Additional Nonpublic Loan (Optional)	Estimated Per Pupil Amount - This Plan	Previously Approved Per Pupil Amount(s)	Cumulative Per Pupil Loan Amount	Final Per Pupil Loan Amount - This Plan	Final Total Loan Amount - This Plan
Required Nonpublic Loan	280,388.09	44,548.20		247.66	0.00	247.66	247.66	47,799.32
Final Adjusted Loan - (If additional loan funds)	280,388.09	44,548.20	0.00	247.66	0.00	247.66	247.66	47,799.32

5. Nonpublic Share

	Final Per Pupil Amount	Final Nonpublic Loan Amount
Pending and Previously Approved Plans	0.00	0.00
This Plan	247.66	47,799.32
Total	247.66	47,799.32

6. Distribution of Nonpublic Loan Amount by School

Nonpublic School Name	2018-19 K-12 Enrollment	Special Ed School? If Yes, not eligible
HOOSAC SCHOOL	165	No
ST MARY'S ACADEMY-ELEMENTARY	24	(No Response)

Smart Schools Investment Plan - Revised - HFCSDSSIP#1

Non-Public Schools

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

Select the allowable expenditure type. Repeat to add another item under each type.	Items to be purchased	Quantity	Cost Per Item	Total Cost
Laptop Computers	Lenovo 100e Chromebook	26	252.05	6,553.30
Loanable Network Access Costs	Unifi Mesh Pro Access Points	16	199.00	3,184.00
Loanable Network Access Costs	Unifi In Wall HD Access Points	15	179.00	2,685.00
Loanable Network Access Costs	Ubiquiti 8 port PoE Switch	3	199.00	597.00
Loanable Network Access Costs	Ubiquiti 48 Port Managed Switch 500W PoE	1	1,099.00	1,099.00
Loanable Network Access Costs	Ubiquiti 24 Port Managed Switch 250W PoE	7	699.00	4,893.00
Loanable Network Access Costs	Meraki MX100 Security Appliance	1	5,012.48	5,012.48
Loanable Network Access Costs	Unifi 16 port aggregate switch	1	599.00	599.00
Loanable Network Access Costs	Unifi SHD Access Port	35	549.01	19,215.35
Loanable Network Access Costs	Ubiquiti UniFi Cloud Key Gen2 Plus Packet	1	269.99	269.99
Loanable Network Access Costs	Ubiquiti UniFi Cloud Key rackmount	1	99.00	99.00
Loanable Network Access Costs	350 VA Battery backup UPS	11	105.54	1,160.94
Loanable Network Access Costs	Apple Intel Mac Mini Server	1	1,099.00	1,099.00
Unbudgeted Nonpublic Loan Amount	Undetermined nonpublic expenditures	1	1,332.26	1,332.26
		120	11,693.33	47,799