Smart Schools Investment Plan - Revised - 10-13-00-01-7-999-BA2

SSIP Overview

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Institution ID

800000053704

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

Cheryl A Rabinowitz

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

5188284360

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

rabinowitzc@hudsoncsd.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

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

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

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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.

6B. 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.

24-25 Board of Education Meeting-06-25-2025 1.pdf
Hudson BOE Meeting Agenda 8-5-25.pdf
Hudson City School District Mail - Smart Schools Improvement Plan.pdf
Motion to Adopt SSIP.pdf
Smart Schools Investment Plan SSIP -.pdf

6C. 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.hudsoncsd.org/departments-programs/technology/smart-schools-improvement-plan-2/

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.

2,000

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:

$1,771,233

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	1,760	0	1,760.00	0.00

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

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

	Sub-Allocations	Expenditure Totals	Difference
School Connectivity	559,169.27	559,169.27	-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	1,160,118.95	1,160,118.95	0.00
Nonpublic Loan	0.00	0.00	0.00
Totals:	**1,719,288**	**1,719,288**	**-0**

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1. In order for students and faculty to receive the maximum benefit from the technology made available under the Smart Schools Bond Act, their school buildings must possess sufficient connectivity infrastructure to ensure that devices can be used during the school day. Smart Schools Investment Plans must demonstrate that:

- sufficient infrastructure that meets the Federal Communications Commission's 100 Mbps per 1,000 students standard currently exists in the buildings where new devices will be deployed, or
- **is a planned use of a portion of Smart Schools Bond Act funds, or**
- **is under development through another funding source.**

Smart Schools Bond Act funds used for technology infrastructure or classroom technology investments must increase the number of school buildings that meet or exceed the minimum speed standard of 100 Mbps per 1,000 students and staff within 12 months. This standard may be met on either a contracted 24/7 firm service or a "burstable" capability. If the standard is met under the burstable criteria, it must be:

1. Specifically codified in a service contract with a provider, and

2. Guaranteed to be available to all students and devices as needed, particularly during periods of high demand, such as computer-based testing (CBT) periods.

Please describe how your district already meets or is planning to meet this standard within 12 months of plan submission.

Hudson City School District – Smart Schools Bond Act Infrastructure Statement

In order for students and faculty to receive the maximum benefit from the technology made available under the Smart Schools Bond Act, school buildings must possess sufficient connectivity infrastructure to ensure that devices can be effectively used during the school day. The Hudson City School District (HCSD) is committed to meeting and exceeding the Federal Communications Commission's standard of 100 Mbps per 1,000 students and staff.

Current Infrastructure and Improvements

Over the past several years, HCSD has implemented significant technology infrastructure improvements across its three buildings; Montgomery C. Smith Elementary School, Hudson Junior High School, and Hudson High School. These upgrades provide a strong foundation to support computer-based testing (CBT), integrate instructional technology into teaching and learning, and enhance staff productivity.

Key improvements, funded through a combination of General Funds, E-Rate, COVID-19 relief, and grant funding, include:

- Modernization of network infrastructure equipment
- Installation of new servers, racks, and cabinets
- Increased electrical capacity and implementation of cooling systems
- Upgraded uninterruptible power supplies (UPS)
- Increased network speeds between network closets
- Installation of backup generators supporting the District's server room and network closets
- Deployment of one-to-one Chromebooks for all students and one-to-one laptops and/or Chromebooks for all staff

Internet Connectivity

HCSD transitioned its Internet Service Provider to FirstLight through a service contract with the Northeastern Regional Information Center (NERIC). This high-throughput, high-performance internet service:

- Meets and exceeds the FCC standard of 100 Mbps per 1,000 students and staff
- Is available 24/7 to all students, staff, and devices

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- Is guaranteed for peak-demand periods such as CBT
- Provides a 1-gigabit Ethernet connection with the option to increase bandwidth as needed

This service is specifically codified in the contract with NERIC and ensures reliable, scalable internet access for all instructional and administrative needs.

Planned Upgrades Using Smart Schools Bond Act Funding

While HCSD has made substantial progress, additional investments are necessary to fully optimize technology for all students and staff. Smart Schools Bond Act funding will allow the District to:

1. School Connectivity Enhancements

- Upgrade and replace outdated wireless access points and cabling infrastructure
- Provide improved wireless capacity to ensure high-performance connectivity across all three buildings

2. High-Tech Security Features

- Replace antiquated security infrastructure, including phone systems, public announcement/clock systems, and security camera systems
- Implement updated safety technology features to enhance emergency response and overall building security

Conclusion

The Hudson City School District has made significant strides in meeting the technology infrastructure standards outlined in the Smart Schools Bond Act and is fully committed to achieving full compliance within 12 months of plan submission. With the proposed Smart Schools Bond Act investments, HCSD will continue to provide students and staff with reliable, high-speed connectivity and modernized technology infrastructure to support teaching, learning, safety, and administrative efficiency.

1B. 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)	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 Hudson City School District (HCSD) intends to use Smart Schools Bond Act funds to further enhance high-speed broadband and wireless connectivity across its three school buildings: Montgomery C. Smith Elementary School, Hudson Junior High School, and Hudson High School.

Planned Use of Funds:

1. **Wireless Infrastructure Upgrades** Replace outdated wireless access points with modern, high-capacity units capable of supporting one-to-one student and staff device use. Expand wireless coverage to eliminate connectivity gaps in classrooms,

common areas, and administrative spaces. Ensure sufficient wireless bandwidth for high-demand periods, including computer-based testing (CBT), collaborative learning, and multimedia instruction.

2. **Network Cabling and Backbone Improvements** Upgrade or replace aging cabling infrastructure to support higher throughput and reduce latency. Enhance network speed and reliability between network closets and across the District's buildings.
3. **Optimizing High-Speed Broadband Access** Maintain and enhance the District's internet service, contracted through NERIC, which already meets the FCC standard of 100 Mbps per 1,000 students and staff. Ensure broadband service is scalable to accommodate future growth and high-demand usage periods.

Expected Outcomes:

- Reliable, high-speed internet and wireless access available to all students and staff 24/7.
- Enhanced instructional opportunities through seamless access to digital resources and cloud-based learning platforms.
- Support for computer-based testing and other technology-driven assessments.
- Strong foundation for integrating emerging educational technologies and improving overall operational efficiency.

By using Smart Schools Bond Act funds for these high-speed broadband and wireless projects, HCSD will ensure that all students and staff have the connectivity needed to fully benefit from modern educational technology and digital learning initiatives.

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.)

The Smart Schools Bond Investment Plan (SSIP) is directly aligned with the Hudson City School District's Approved District Technology Plan (Section II - Strategic Technology Planning, Action Steps in Section III - Action Plan and Section IV - NYSED Initiatives) as described below:

The Goals in our District Technology Plan are:

- **Goal 1:** Provide appropriate instructional technology tools to the school community for teaching, learning, and productivity. (Instructional technology tools examples: including but not limited to, mobile devices, interactive displays, cameras, instructional software.)
- **Goal 2:** Support integration of technology by providing purposeful, differentiated professional development for faculty and staff.
- **Goal 3:** Ensure student proficiency in digital technology tools and digital citizenship literacy.
- **Goal 4:** Ensure fully functioning robust network with, equitable, accessible and security technology*to use in school and beyond as applicable. (Technology in this goal includes but is not limited to network infrastructure of upgraded and implementation of wireless access points, administrative software, integration into the network for upgrading security camera and phone systems.)

This alignment is evidenced by the district's goals and actions that have been met so far:

- providing one to one chromebooks to all students and one to one laptops and/or chromebooks to all staff.
- two instructional technology coaches who have been able to provide embedded professional development during the school day, after school and during Superintendent Conference Days. The coaches have assisted with providing lessons and activities in Digital Citizenship and building upon students digital literacy.

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- We have implemented technology infrastructure improvements throughout the District's three buildings, Montgomery C. Smith, Hudson Junior High School and Hudson High Schools building a foundation that has provided 1:1 devices for computer-based testing (CBT), integrating instructional technology into teaching and learning and increasing work productivity. These infrastructure updates were funded through various sources, such as General Funds, Erate Funds, Covid Funding and Grant Funding and have allowed HCSD to upgrade the network infrastructure equipment; servers, racks, cabinets, increased electrical power, installed a coolant, upgraded new uninterrupted power supplies, increase network speed between the network closets and installed a backup generator in the District's server room and network closets in each of the buildings.

The Smart Schools Investment Plan will allow us to expand learning opportunities for all our students beyond the four walls of a school building to improve teaching and learning. During the last few years, the Hudson City School District (HCSD) has met Goals 1,2,3 listed above. Instructional technology has served as a part of a comprehensive and sustained effort to support rigorous academic standards attainment and performance improvement for students. While we have made many technology improvements in the district, there is much remaining to do for our students and staff. The Smart School Improvement Plan Funds allocations (School Connectivity Category) would allow the district to upgrade/replace outdated wireless technology infrastructure and cabling infrastructure to offer updated wireless capacity for better connectivity in the Hudson City School District's three buildings, Montgomery C. Smith, Hudson Junior High School and Hudson High Schools. Additionally, the Smart Schools Fund (High-Tech Security Features) would allow us to implement updated safety technology features by replacing our Security Infrastructure systems; antiquated Phone System, Public Announcement/Clocks Systems (PA) and Security Camera Systems.

Our Smart Schools Investment Plan is focused on ***School Connectivity and High Tech Security Features*** aligned with IV. Action Plan Goal 4 of our Hudson City School District Approved District Technology Plan:

Goal 4: Ensure fully functioning robust network with, equitable, accessible and security technology*to use in school and beyond as applicable. (Technology in this goal includes but is not limited to network infrastructure of upgraded and implementation of wireless access points, administrative software, integration into the network for upgrading security camera and phone systems.)

The Hudson City School District will implement the following actions with the funding:

- Upgrade/Replace Cabling of network infrastructure to support Wireless Access, Security Camera, PA Systems, Phone Systems
- Upgrade/Replace of wireless access points to support mobile devices for teaching and learning, computerized testing (CBT), work productivity and guest wifi
- Upgrade Replace Security cameras, Clock and PA Systems
- Upgrade/Replace Phone System

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.

During the last few years, the Hudson City School District (HCSD) schools, has implemented robust technology infrastructure improvements throughout the District's three buildings, Montgomery C. Smith, Hudson Junior High School and Hudson High Schools building a foundation that has provided devices for computer-based testing (CBT), integrating instructional technology into teaching and learning and increasing work productivity. These infrastructure updates were funded through various sources, such as General Funds, Erate Funds, Covid Funding and Grant Funding and have allowed HCSD to upgrade the network infrastructure equipment; servers,

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racks, cabinets, increased electrical power, installed a coolant, upgraded new uninterrupted power supplies, increase network speed between the network closets and installed a backup generator in the District's server room and network closets in each of the buildings, provided one to one chromebooks to all students and one to one laptops and/or chromebooks to all staff.
We also transitioned to FirstLight as our Internet Service Provider, purchased directly through a service contract with NERIC (North Eastern Regional Information Center Consortium) which offers high throughput and high performance usage levels with flexibility, which is built into our current service. NERIC offers High-speed throughput meeting the standard of 100 Mbps per 1,000 for students and staff 24/7 with the option to increase internet speeds if needed in the future for an additional monthly cost.
While we have made many technology improvements in the district, there is much remaining to do for our students and staff. The Smart School Improvement Plan Funds allocations (School Connectivity Category) would allow the district to upgrade/replace outdated wireless technology infrastructure and cabling infrastructure to offer updated wireless capacity for better connectivity in the Hudson City School District's three buildings, Montgomery C. Smith, Hudson Junior High School and Hudson High Schools.

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
10-13-00-01-7-999-BA2

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

7B. Districts that choose the Streamlined Review Process will be required to certify that they have reviewed all installations with their licensed architect or engineer of record and provide that person's name and license number. The licensed professional must review the products and proposed method of installation prior to implementation and review the work during and after completion in order to affirm that the work was code-compliant, if requested.

☑ I certify that I have reviewed all installations with a licensed architect or engineer of record.

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

Name	License Number
John Sharkey	22726

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

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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
(No Response)	(No Response)	(No Response)	(No Response)	0.00
		0	**0.00**	**0**

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
Network/Access Costs	Catalyst 9162I Access Point (W6E, tri-band 2x2) w/Meraki Item # CW9162I-MR	51	641.19	32,700.69
Network/Access Costs	Catalyst 9166D1 Access Point (W6E, tri-band 4x4) w/MERAKI Item # CW9166D1-MR	4	1,292.13	5,168.52
Network/Access Costs	Meraki MR License, 3YR Item # LIC-ENT-3YR	55	207.73	11,425.15
Network/Access Costs	Catalyst 9162I Access Point (W6E, tri-band 2x2) w/Meraki item # CW9162I-MR	34	641.19	21,800.46
Network/Access Costs	Catalyst 9166D1 Access Point (W6E, tri-band 4x4) w/MERAKI item # CW9166D1-MR	2	1,292.13	2,584.26
Network/Access Costs	Meraki MR Enterprise License, 3YR item # LIC-ENT-3YR	36	207.73	7,478.28
Network/Access Costs	Catalyst 9162I Access Point (W6E, tri-band 2x2) w/Meraki item # CW9162I-MR	5	641.19	3,205.95
Network/Access Costs	Meraki MR Enterprise License, 3YR item # LIC-ENT-3YR	5	207.73	1,038.65
Network/Access Costs	Catalyst 9162I Access Point (W6E, tri-band 2x2) w/Meraki item # CW9162I-MR	19	641.19	12,182.61
Network/Access Costs	Meraki MR Enterprise License, 3YR item # LIC-ENT-3YR	19	207.73	3,946.87
Network/Access Costs	Meraki MX68 Router/Security Appliance item # MX68-HW	1	470.79	470.79
Other Costs	Meraki MX68 Advanced Security License and Support, 3YR item # LIC-MX68-SEC-3YR	1	761.19	761.19
Network/Access Costs	Catalyst 9163E Access Point (W6E, tri-	1	1,384.59	1,384.59

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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
	band 2x2,Outdoor) w/MERCW9163E-MRAKI item #			
Network/Access Costs	4/8/8 dBi Omni Dipole, N connector, Catalyst and Meraki item # CW-ANT-O1-NS-00	4	115.58	462.32
Network/Access Costs	Catalyst 9162I Access Point (W6E, tri-band 2x2) w/Meraki item # CW9162I-MR	88	641.19	56,424.72
Network/Access Costs	Catalyst 9166D1 Access Point (W6E, tri-band 4x4) w/MERAKI item # CW9166D1-MR	6	1,292.13	7,752.78
Network/Access Costs	Catalyst 9163E Access Point (W6E, tri-band 2x2,Outdoor) w/MERAKI item # CW9163E-MR	1	1,384.59	1,384.59
Network/Access Costs	8/9/9 dBi Directional Patch, N connector, Catalyst and Meraki item # CW-ANT-D1-NS-00	1	635.20	635.20
Network/Access Costs	GPS/GNSS Antenna, Outdoor, SMA connector,Catalyst and Meraki item #CW-ANT-GPS2-S-00	1	157.18	157.18
Network/Access Costs	Meraki MR Enterprise License, 3YR item # LIC-ENT-3YR	95	207.73	19,734.35
Network/Access Costs	Catalyst 9162I Access Point (W6E, tri-band 2x2) w/Meraki item # CW9162I-MR	38	641.19	24,365.22
Network/Access Costs	Meraki MR Enterprise License, 3YR item # LIC-ENT-3YR	38	207.73	7,893.74
Network/Access Costs	Catalyst 9163E Access Point (W6E, tri-band 2x2,Outdoor) w/MERAKI item # CW9163E-MR	4	1,384.59	5,538.36
Network/Access Costs	8/9/9 dBi Directional Patch, N connector, Catalyst and Meraki item # CW-ANT-D1-NS-00	4	635.20	2,540.80
Professional Services	Enterprise Network Consultant II item # PS-SNY-ENC-II	189	215.00	40,635.00
Connections/Components	Provide 380 cat.6A data cables for classrooms.	1	287,497.00	287,497.00
		703	**303,610.82**	**559,169**

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

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	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	1,760	0	1,760.00	0.00

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

	Public Allocations	Estimated Nonpublic Loan Amount	Estimated Total Sub-Allocations
Network/Access Costs	(No Response)	0.00	0.00
School Internal Connections and Components	(No Response)	0.00	0.00
Other	(No Response)	0.00	0.00
Totals:	**0.00**	**0**	**0**

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

	Sub-Allocation
Network/Access Costs	230,276.08
Outside Plant Costs	(No Response)
School Internal Connections and Components	287,497.00
Professional Services	40,635.00
Testing	(No Response)
Other Upfront Costs	(No Response)
Other Costs	761.19
Totals:	**559,169.27**

14. **School Connectivity Totals**

	Total Sub-Allocations
Total Loanable Items	0.00
Total Non-loanable Items	559,169.27
Totals:	**559,169**

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

(No Response)

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

(No Response)

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

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

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

(No Response)

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

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

6. 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)	0.00	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)

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	Sub-Allocation
Totals:	**0.00**

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1. In order for students and faculty to receive the maximum benefit from the technology made available under the Smart Schools Bond Act, their school buildings must possess sufficient connectivity infrastructure to ensure that devices can be used during the school day. Smart Schools Investment Plans must demonstrate that sufficient infrastructure that meets the Federal Communications Commission's 100 Mbps per 1,000 students standard currently exists in the buildings where new devices will be deployed, or is a planned use of a portion of Smart Schools Bond Act funds, or is under development through another funding source.

Smart Schools Bond Act funds used for technology infrastructure or classroom technology investments must increase the number of school buildings that meet or exceed the minimum speed standard of 100 Mbps per 1,000 students and staff within 12 months. This standard may be met on either a contracted 24/7 firm service or a "burstable" capability. If the standard is met under the burstable criteria, it must be:

1. Specifically codified in a service contract with a provider, and

2. Guaranteed to be available to all students and devices as needed, particularly during periods of high demand, such as computer-based testing (CBT) periods.

Please describe how your district already meets or is planning to meet this standard within 12 months of plan submission.

(No Response)

1B. **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)

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)

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.

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

(No Response)

9C. **Enter the primary Institution phone number.**

(No Response)

9D. **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. **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)	0	0	0.00	0.00

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Select the allowable expenditure type. Repeat to add another item under each type.	Item to be Purchased	Quantity	Cost per Item	Total Cost
		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	1,760	0	1,760.00	0.00

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	0.00	0.00	0.00
Computer Servers	0.00	0.00	0.00
Desktop Computers	0.00	0.00	0.00
Laptop Computers	0.00	0.00	0.00
Tablet Computers	0.00	0.00	0.00
Other Costs	0.00	0.00	0.00
Totals:	**0.00**	**0**	**0**

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

(No Response)

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

- Specific descriptions of what the district intends to do to each space;
- An affirmation that 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	

Pre-Kindergarten Classrooms

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

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

(No Response)

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

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

Project Number
(No Response)

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

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

(No Response)

4. **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**

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1. Describe how you intend to use Smart Schools Bond Act funds to install high-tech security features in school buildings and on school campuses.

The Hudson City School District (HCSD) plans to use Smart Schools Bond Act funds to install high-tech security features across its three school buildings; Montgomery C. Smith Elementary School, Hudson Junior High School, and Hudson High School. These upgrades include the **phone system, security camera system, door access controls, and public address/clock systems**, all aligned with **District Technology Plan Goal 4**, which emphasizes a fully functioning, robust network with equitable, accessible, and secure technology.

Upgrading these systems is critical to maintaining a safe and secure learning environment. The current systems are outdated, lack integration, and limit the District's ability to respond quickly and effectively during emergencies. Modern, network-integrated systems provide **rapid communication, situational awareness, and coordinated response capabilities** across the campus.

Voice IP Phone System (VoIP)

A modern **VoIP (Voice over Internet Protocol) phone system** significantly improves school safety by enhancing communication, coordination, and emergency response:

1. **Faster Emergency Communication Instant alerts:** Staff can broadcast voice announcements or automated messages to classrooms, offices, and mobile devices during emergencies such as lockdowns, fires, or severe weather. **Emergency dialing:** 911 calls automatically include location data so first responders know exactly which room or building the call originated from.
2. **Integration with Safety Systems** VoIP phones connect directly to PA/intercom systems, alarms, and mass notifications for consistent messaging. Integration with security cameras and door access controls allows staff to verify visitors visually and remotely unlock doors if needed.
3. **Mobility and Reachability** Staff can receive emergency notifications or join conference calls via mobile apps even when away from desk phones. Central administration can coordinate instant communication across all schools in the district.
4. **Accountability and Recordkeeping** Calls and alerts are logged and recorded, providing a verifiable record for incident reviews or investigations.
5. **Resilience and Redundancy** Cloud-based VoIP systems can reroute calls during power or network outages, maintaining communication when traditional phone lines might fail.

Example Scenario:

If a teacher notices an intruder, pressing a dedicated emergency button on their VoIP phone:

- Instantly alerts administrators, security, and police with the caller's room number.
- Triggers a lockdown announcement over the intercom.
- Provides staff updates via phone, email, or app notifications.

Security Camera System

- Provides real-time monitoring of entrances, hallways, and common areas.
- Supports situational awareness during emergencies and post-incident investigations.
- Integrates with phones and door access to enable rapid response to security breaches.

Door Access Controls

- Restrict entry to authorized personnel only, reducing the risk of intruders.
- Allow remote control during lockdowns or other emergency situations.
- Work in tandem with cameras and phones to alert staff to unauthorized access.

Public Address (PA) and Clock Systems

- Deliver synchronized, automated emergency announcements district-wide.

- Provide clear instructions for lockdowns, evacuations, or severe weather events.
- Integrate with VoIP and alarm systems for coordinated communication during crises.

Integrated Impact:

By upgrading the phone system alongside security cameras, door access, and PA/clock systems, HCSD ensures **rapid alerting, situational awareness, and effective emergency response**. This coordinated, networked security ecosystem directly supports **District Technology Plan Goal 4**, protecting students, staff, and visitors while enhancing emergency preparedness across the District.

Key Benefits Summary:

- Faster, location-aware emergency response
- Seamless coordination across district sites
- Reliable communication even during outages
- Integration with alarms, cameras, and door systems
- Comprehensive call and alert tracking for accountability

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
10-13-00-01-7-999-BA2

3. **Was your project deemed eligible for streamlined Review?**

☑ Yes
☐ No

3B. 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 Sharkey	22726

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

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Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Electronic Security System	Desk Phone 9841, Carbon Black (Item # DP-9841-K9=)	140	154.82	21,674.80
Electronic Security System	SNTC-8X5XNBD Desk Phone 9841, Carbon Black (CON-SNT-DP9841K9) item # CON-SNT-DP9841K9	140	24.00	3,360.00
Electronic Security System	Desk Phone 9861, Carbon Black item # DP-9861-K9=	40	264.57	10,582.80
Electronic Security System	SNTC-8X5XNBD Desk Phone 9861, Carbon Black item # CON-SNT-DP9861K9	40	40.50	1,620.00
Electronic Security System	Cisco 8832 for North America, charcoal, with accessories item # CP-8832-3PCC-K9	3	778.65	2,335.95
Electronic Security System	8832 for North America, charcoal, with accessories SNTC item # CON-SNT-P8OK93O8	3	74.25	222.75
Electronic Security System	Desk Phone 9800 Wall Mount Kit item # DP 9800-WMK	3	71.86	215.58
Electronic Security System	Desk Phone 9841, Carbon Black (Item # DP-9841-K9=)	112	154.82	17,339.84
Electronic Security System	SNTC-8X5XNBD Desk Phone 9841, Carbon Black (CON-SNT-DP9841K9) item # CON-SNT-DP9841K9	112	24.00	2,688.00
Electronic Security System	Desk Phone 9861, Carbon Black item # DP-9861-K9=	19	264.57	5,026.83
Electronic Security System	SNTC-8X5XNBD Desk Phone 9861, Carbon Black item # CON-SNT-DP9861K9	19	40.50	769.50
Electronic Security System	Cisco 8832 for North America, charcoal, with accessories item # CP-8832-3PCC-K9	1	778.65	778.65
Electronic Security System	8832 for North America, charcoal, with accessories SNTC item # CON-SNT-P8OK93O8	1	74.25	74.25
Electronic Security System	Desk Phone 9800 Wall Mount Kit item # DP 9800-WMK	1	71.86	71.86
Electronic Security System	SIP Audio Alerter PoE	2	344.10	688.20
Electronic Security System	Catalyst 8200L with 1-NIM slot and 4x1G WAN ports item # C8200L-1N-	1	1,059.76	1,059.76

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Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
	4T			
Electronic Security System	CX LEVEL 1 8X5XNBD Catalyst 8200L with 1-NIM slot CON-L1NBD-C8200TL1	1	854.70	854.70
Electronic Security System	2 port Multiflex Trunk Voice/Clear-channel Data T1/E1 Module Item # NIM-2MFT-T1/E1	1	1,748.90	1,748.90
Electronic Security System	64-channel DSP module item # PVDM4-64	1	2,614.18	2,614.18
Electronic Security System	DNA Advantage On-Prem Lic 3Y - upto 15M (Aggr, 30M) item # DNA-P-T0-A-3Y	1	1,801.92	1,801.92
Electronic Security System	Success Track L1 - DNA Advantage OnPrem Lic T0 3Y item # SVS-PSTL1-T0-A3Y	1	443.80	443.80
Electronic Security System	Catalyst 8200L with 1-NIM slot and 4x1G WAN ports C8200L-1N-4T	1	1,059.76	1,059.76
Electronic Security System	CX LEVEL 1 8X5XNBD Catalyst 8200L with 1-NIM slot item # CON-L1NBD-C8200TL1	1	854.70	854.70
Electronic Security System	2 port Multiflex Trunk Voice/Clear-channel Data T1/E1 Module Item # NIM-2MFT-T1/E1	1	1,748.90	1,748.90
Electronic Security System	64-channel DSP module item # PVDM4-64	1	2,614.18	2,614.18
Electronic Security System	Success Track L1 - DNA Advantage OnPrem Lic T0 3Y item # SVS-PSTL1-T0-A3Y	1	443.80	443.80
Electronic Security System	DNA Advantage On-Prem Lic 3Y - upto 15M (Aggr, 30M) item # DNA-P-T0-A-3Y	1	1,801.92	1,801.92
Electronic Security System	2-Port Analog Telephone Adapter for Multiplatform item # ATA192-3PW-K9	4	115.71	462.84
Electronic Security System	192 Analog Telephone Adapter for MPP with switch SNTC-8X5XNBD item # CON-SNT-TAQK99Q4	4	12.99	51.96
Electronic Security System	2-Port Analog Telephone Adapter for Multiplatform item # ATA192-3PW-K9	1	115.71	115.71
Electronic Security System	192 Analog Telephone Adapter for	1	12.99	12.99

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Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
	MPP with switch SNTC-8X5XNBD item # CON-SNT-TAQK99Q4			
Electronic Security System	Desk Phone 9841, Carbon Black item # DP-9841-K9=	10	154.82	1,548.20
Electronic Security System	SNTC-8X5XNBD Desk Phone 9841, Carbon Black item # CON-SNT-DP9841K9	10	24.00	240.00
Electronic Security System	Desk Phone 9861, Carbon Black item # DP-9861-K9=	5	264.57	1,322.85
Electronic Security System	SNTC-8X5XNBD Desk Phone 9861, Carbon Black item # CON-SNT-DP9861K9	5	40.50	202.50
Electronic Security System	EntW Webex Calling for Education item # A-FLEX-EACL-E	275	111.36	30,624.00
Other Costs	Enterprise Network Consultant II Item # PS-SNY-ENC-II	256	215.00	55,040.00
Electronic Security System	Double-Sided HD IP Display Universal Mount item # IPCSHD-DS-MB	59	1,794.15	105,854.85
Electronic Security System	PORTABLE RACK 14SP item # PTRK-14	1	1,067.89	1,067.89
Electronic Security System	REAR RAIL KIT FOR PTRK-14 item # PTRK-RR14	1	59.03	59.03
Electronic Security System	4-1/2FAN 120V W/CORD item # MAFAN	2	92.13	184.26
Electronic Security System	FAN CNTRL,STANDALONE item # FC-4-1CA	1	325.55	325.55
Electronic Security System	6FT,1 PLUG,2 FAN PWR CORD item # FANCORD-2X1	1	22.81	22.81
Electronic Security System	4-1/2 FAN GUARD item # GUARD	2	11.63	23.26
Electronic Security System	POWER CENTER W/PILOT LT item # PD-815R-PL	1	187.83	187.83
Electronic Security System	4 Channel Power Amplifier, 250W per Channel @ 25V item # NE4250.25PE	1	4,060.46	4,060.46
Electronic Security System	12in x 12in splice box w/connectors, hardware, pipe, plastic flex item # APA-ATSP1-KIT	3	406.25	1,218.75
Electronic Security System	Screw clamp terminal block kit, caps, din rail (60 units) item # APA-ATTB-	3	1,093.75	3,281.25

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Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
	KIT60			
Electronic Security System	10-32 Rackscrew Truss-Head - 100 Piece item # HP	1	37.11	37.11
Electronic Security System	12PC. EB2 CONTRACT PACK item # EB2-CP12	1	201.24	201.24
Electronic Security System	12PC. EB1 CONTRACT PACK item # EB1-CP12	1	142.20	142.20
Electronic Security System	1SP RACKSHELF 11DP item # U1	2	66.63	133.26
Electronic Security System	1 RU Fixed Security Cover, Perforated item # S1	1	48.30	48.30
Electronic Security System	8 & quot; in-ceiling speaker with 4W 25V/70V transformer, 51-8 baffle, and drop tile support rails item # EZHD72W	6	72.88	437.28
Electronic Security System	8in slant wall mount speaker/baffle package 25V-4W transformer item # WD417-25	6	81.16	486.96
Electronic Security System	8in Dual Cone In-Ceiling Speaker with 25V/70V 5-Watt Transformer item # SD72	4	31.89	127.56
Electronic Security System	Conduit, connectors, mounting straps item # APA-CONWM-KIT-01	1	156.25	156.25
Electronic Security System	Push to talk microphone with base item # PM-660U	1	181.25	181.25
Electronic Security System	4-Zone mixer item # RM640	1	313.75	313.75
Electronic Security System	Cat 6 UTP 1000FT item # 4246EZGY1000	1	348.81	348.81
Electronic Security System	16/2 Speaker Wire item # 225WH1000	2	438.25	876.50
Electronic Security System	1P 22G Stranded Shielded Audio Cable item # 291BK500	1	105.54	105.54
Electronic Security System	PORTABLE RACK 14SP item # PTRK-14	1	1,067.89	1,067.89
Electronic Security System	REAR RAIL KIT FOR PTRK-14 item # PTRK-RR14	1	59.03	59.03
Electronic Security System	4-1/2FAN 120V W/CORD item # MAFAN	2	92.13	184.26
Electronic Security System	FAN CNTRL,STANDALONE item # FC-4-1CA	1	325.55	325.55

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Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Electronic Security System	6FT,1 PLUG,2 FAN PWR CORD item # FANCORD-2X1	1	22.81	22.81
Electronic Security System	4-1/2 FAN GUARD item # GUARD	2	11.63	23.26
Electronic Security System	PD-815R-PLPOWER CENTER W/PILOT LT item # PD-815R-PL	1	187.83	187.83
Electronic Security System	4 Channel Power Amplifier, 250W per Channel @ 25V item # NE4250.25PE	1	4,060.46	4,060.46
Electronic Security System	12in x 12in splice box w/connectors, hardware, pipe, plastic flex item # APA-ATSP1-KIT	2	406.25	812.50
Electronic Security System	Screw clamp terminal block kit, caps, din rail (60 units) item # APA-ATTB-KIT60	2	1,093.75	2,187.50
Electronic Security System	10-32 Rackscrew Truss-Head - 100 Piece item # HP	1	37.11	37.11
Electronic Security System	12PC EB2-CP12. EB2 CONTRACT PACK Item # EB2-CP12	1	201.24	201.24
Electronic Security System	12PC. EB1 CONTRACT PACK item # EB1-CP12	1	142.20	142.20
Electronic Security System	1SP RACKSHELF 11DP item #U1	2	66.63	133.26
Electronic Security System	1 RU Fixed Security Cover, Perforated item #-S1	1	48.30	48.30
Electronic Security System	8 & quot; in-ceiling speaker with 4W 25V/70V transformer, 51-8 baffle, and drop tile support rails item # EZHD72W	4	72.88	291.52
Electronic Security System	8in slant wall mount speaker/baffle package 25V-4W transformer item # WD417-25	4	81.16	324.64
Electronic Security System	8in Dual Cone In-Ceiling Speaker with 25V/70V 5-Watt Transformer item # SD72	3	31.89	95.67
Electronic Security System	Conduit, connectors, mounting straps item # APA-CONWM-KIT-01	1	156.25	156.25
Electronic Security System	Push to talk microphone with base item # PM-660U	1	181.25	181.25
Electronic Security System	4-Zone mixer tem item # RM64	1	313.75	313.75
Electronic Security System	Cat 6 UTP 1000FT item #	1	348.81	348.81

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Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
	4246EZGY1000			
Electronic Security System	16/2 Speaker Wire item # 225WH1000	1	438.25	438.25
Electronic Security System	One-Time Cloud Provisioning Fee - TIER 2 item # SS-CPF-2	1	883.00	883.00
Electronic Security System	InformaCast Fusion - Fusion User - 3 Year Subscription - TIER 2 (Qty 250 - 950) item # SSF-3YR-USR-TIER 2	250	45.65	11,412.50
Electronic Security System	InformaCast Fusion - IP Speaker/Phone Endpoint Add-On - 3 Year Subscription - TIER 2 (Qty 250 - 950)item # SSF-3YR-EPA-TIER 2	100	31.95	3,195.00
Electronic Security System	InformaCast Fusion - IP Speaker/Phone Endpoint Add-On - 3 Year Subscription - TIER 2 (Qty 250 - 950)	100	31.95	3,195.00
Electronic Security System	InformaCast Fusion Hardware Appliance item # IPTA-IFS	2	1,115.00	2,230.00
Electronic Security System	Horizon Mobility Enhanced Notification per 1K subscribers item # RS-HM-ENH-NOTIFY	1	5,011.20	5,011.20
Electronic Security System	Atlas Single Output Kit - Includes (1) IP-ZCM W/(1) PA702-RM item # SP-ATLAS-IPZCM1RK=	2	1,515.34	3,030.68
Electronic Security System	Atlas Single Output Kit - Includes (1) IP-ZCM W/(1) PA702-RM item # SP-ATLAS-IPZCM1RK=	2	1,515.34	3,030.68
Other Costs	Enterprise Network Consultant II item # PS-SNY-ENC-II	187	215.00	40,205.00
Other Costs	Professional Services for Engineering/Programming/Proj Management/Checkout	1	151,882.50	151,882.50
Other Costs	Installation	1	233,907.00	233,907.00
Electronic Security System	Avigilon: 2x 5MP H5A Dual Head Outdoor Camera with IR, WDR, NGVA, 3.35-7mm	50	1,587.84	79,392.00
Electronic Security System	Avigilon: 12MP Indoor In-Ceiling Fisheye, 1.6mm f/2.0, D/N, WDR, NGVA	2	1,158.32	2,316.64
	Avigilon: 12MP Int/Ext Fisheye, 1.6mm	3	1,127.56	3,382.68

High-Tech Security Features

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Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Electronic Security System	f/2.0, D/N, WDR, NGVA			
Electronic Security System	Avigilon: 12MP Int/Ext Fisheye w/IR, 1.6mm f/2.0, D/N, WDR, NGVA	2	1,178.82	2,357.64
Electronic Security System	Avigilon: 3x 8MP, WDR, 180/270 degree adjustable, Lightcatcher, 3.3-5.7mm, Camera Only	30	2,348.92	70,467.60
Electronic Security System	Avigilon: 4x 8MP, WDR, 360 degree, Lightcatcher, 3.3-5.7mm, Camera Only	3	2,805.23	8,415.69
Electronic Security System	Avigilon: 4MP Indoor Surface Dome, 3.3-9mm f/1.3 P-iris lens, WDR, LC Tech, D/N, and Next-Gen Analytics	32	984.91	31,517.12
Electronic Security System	Avigilon: 4MP Indoor In-Ceiling Dome, 3.3-9mm f/1.3 P-iris lens, WDR, LC Tech, D/N, and Next-Gen Analytics	25	1,037.20	25,930.00
Electronic Security System	Avigilon: 4MP Outdoor Surface Dome, 3.3-9mm f/1.3 P-iris lens, WDR, LC Tech, D/N, and Next-Gen Analytics	2	1,141.92	2,283.84
Electronic Security System	Avigilon: 4MP H6A Outdoor IR Bullet with 4.4-9.3mm Lens	1	1,379.41	1,379.41
Electronic Security System	Avigilon: 6MP Indoor Surface Dome, 4.9-8mm f/1.8 P-iris lens, WDR, LC Tech, D/N, and Next-Gen Analytics	23	1,134.74	26,099.02
Electronic Security System	Avigilon: 6MP Indoor In-Ceiling Dome, 4.9-8mm f/1.8 P-iris lens, WDR, LC Tech, D/N, and Next-Gen Analytics	1	1,187.01	1,187.01
Electronic Security System	Avigilon: 6MP H6A Outdoor IR Bullet with 4.4-9.3mm Lens	6	1,519.62	9,117.72
Electronic Security System	Avigilon: 8MP Outdoor Surface Dome, 4.9-8mm f/1.8 P-iris lens, WDR, LC Tech, D/N, and Next-Gen Analytics	1	1,516.06	1,516.06
Electronic Security System	Avigilon: 8MP Outdoor Pendant Dome, 4.9-8mm f/1.8 P-iris lens, WDR, LC Tech, D/N, and Next-Gen Analytics	1	1,453.54	1,453.54
Electronic Security System	Avigilon: 8MP H6A Outdoor IR Bullet with 4.4-9.3mm Lens	2	1,729.95	3,459.90
Electronic Security System	Avigilon: 8MP H6A Indoor Dome with 4.4-9.3mm Lens	2	1,420.68	2,841.36
Electronic Security System	Avigilon: ACC 7 Enterprise Camera License	38	280.45	10,657.10

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Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Electronic Security System	Avigilon: Metal Ceiling Panel, 2'x2', White	3	97.63	292.89
Electronic Security System	Avigilon: Corner Mount for Multiple Camera Models see Datasheets	17	97.63	1,659.71
Electronic Security System	Avigilon: Metal ceiling panel for use with H4A-DC in-ceiling dome cameras to replace or reinforce the existing ceiling tile in suspended ceiling installations	17	99.34	1,688.78
Electronic Security System	Avigilon: Wall mount bracket for use with H4A-DP pendant dome cameras	1	78.11	78.11
Electronic Security System	Avigilon: Optional IR Illuminator Ring, up to 30m (100ft), for use w/H4AMH-DO-COVR1	21	345.02	7,245.42
Electronic Security System	Avigilon: Metal Ceiling Panel to Reinforce Existing Ceiling Tile for H5A In-Ceiling Fisheye Camera	2	99.44	198.88
Electronic Security System	Avigilon: Outdoor Surface Mount Adapter	2	176.58	353.16
Electronic Security System	Avigilon: Outdoor Pendant Mount Adapter	19	176.58	3,355.02
Electronic Security System	Avigilon: Dome Bubble and Cover for In-ceiling, Clear	12	77.95	935.40
Electronic Security System	Avigilon: Dome Bubble and Cover for Outdoor Surface or Pendant Mount, Clear	21	176.58	3,708.18
Electronic Security System	Avigilon: Pendant Adapter for H5A Dual Head Camera, Compatible with optional wall arm CM-MT-WALL1	2	62.74	125.48
Electronic Security System	Avigilon: 1-Port PoE+ Injector, 802.3at 30W, NA	13	78.42	1,019.46
Electronic Security System	Avigilon: 1-Port PoE++ Injector, 802.3bt 60W, 1Gb	33	156.84	5,175.72
Electronic Security System	Avigilon: UA7 Base License, includes (2) UA-SW-LIC-10DOORS (20 doors), up to 2 collaborations, 5 identity profiles, 2 badging templates, 5 partitions, 20 scenes, 10 areas, 5 virtual stations, 50 global actions, REST API License	1	3,504.60	3,504.60

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Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Electronic Security System	Avigilon: Wall Mount for Large Pendant Camera	19	107.49	2,042.31
Electronic Security System	Ditek Corp.: PoE Surge Protection, RJ45, 48 V Protection, 72 V Clamp	89	65.34	5,815.26
Electronic Security System	Leviton: Surface Mount QuickPort Box, Plenum Rated, 1-Port, White	168	2.48	416.64
Electronic Security System	Leviton: eXtreme Cat 6 QuickPort Jack, White	168	10.40	1,747.20
Electronic Security System	LYNN: 1' CAT6 CHOICE 1Gb UTP Patch Cable, 24AWG, Molded Boot, Orange	89	3.32	295.48
Electronic Security System	LYNN: 3' CAT6 CHOICE 1Gb UTP Patch Cable, 24AWG, Molded Boot, Orange	168	4.74	796.32
Electronic Security System	LYNN: 10' CAT6 CHOICE 1Gb UTP Patch Cable, 24AWG, Molded Boot, Orange	168	8.54	1,434.72
Electronic Security System	Avigilon: In-ceiling Adapter for H5AMH-DC-COVR1	12	158.42	1,901.04
Entry Control System	Avigilon: UA7 Enterprise Physical Appliance, 1U, 8GB RAM, 1TB HDD, embedded 64b Linux OS and Open LDAP, includes UA7 software, 1000 Doors Max, No Door Licenses Included	1	3,812.70	3,812.70
Entry Control System	Avigilon: UA7 10 Door Add-On License	4	1,476.75	5,907.00
Entry Control System	Avigilon: UA7 All-In Add-On License, Maxes out all Add-On feature Licenses	1	5,370.00	5,370.00
Entry Control System	Avigilon: UA7 Service Plan, 3-yrs, up to 250 Doors	1	2,013.75	2,013.75
Electronic Security System	Avigilon: Pendant Wall Mount Arm for Dome Cameras, 1.5	2	93.98	187.96
Electronic Security System	74 Cat 6A Cabling drops for IP PA System	1	51,639.00	51,639.00
		3,285	**533,209.84**	**1,160,119**

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.

High-Tech Security Features

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	Sub-Allocation
Capital-Intensive Security Project (Standard Review)	(No Response)
Electronic Security System	661,981.00
Entry Control System	17,103.45
Approved Door Hardening Project	(No Response)
Other Costs	481,034.50
Totals:	**1,160,118.95**