Smart Schools Investment Plan - Revised - VCSD Submission 1

SSIP Overview

Institution ID

800000040264

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

   Christopher Mohr

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

   845-457-2400 X16951

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

   christopher.mohr@vcsdny.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. Each box must be checked prior to submitting your Smart Schools Investment Plan.

   ☑ 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: Each box must be checked prior to submitting your Smart Schools Investment Plan.**

   ☑ The district developed and the school board approved a preliminary Smart Schools Investment Plan.
   ☑ The preliminary plan was posted on the district website for at least 30 days. The district included an address to which any written comments on the plan should be sent.
   ☑ The school board conducted a hearing that enabled stakeholders to respond to the preliminary plan. This hearing may have occured as part of a normal Board meeting, but adequate notice of the event must have been provided through local media and the district website for at least two weeks prior to the meeting.
   ☑ The district prepared a final plan for school board approval and such plan has been approved by the school board.
   ☑ The final proposed plan that has been submitted has been posted on the district's website.

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_School_Preliminary_Plan_approved_by_BOE_on_121216.pptx

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://www.vcsd.k12.ny.us/Page/15038

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.**

5,500

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

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

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

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

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

(No Response)

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

$3,403,847

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	4,333	423	4,756.00	8.89

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

	Sub-Allocations	Expenditure Totals	Difference
School Connectivity	251,000.00	251,000.00	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	930,124.82	930,124.82	0.00
Nonpublic Loan	9,274.17	9,274.17	0.00
Totals:			

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SSIP Overview

	Sub-Allocations	Expenditure Totals	Difference
	1,190,399	**1,190,399**	**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.

   Using yearly budget funds and taking advantage of the BOCES Internet Bandwidth agreement, Valley Central has agreed to increase their internet bandwidth speeds to 630 Mbps out to the internet. As detailed below this is approximately 198 Mbps more than the FCC's recommended requirement of 100 Mbps per 1000 students. We plan on maintaining that speed until such time as we can benefit from the contract negotiation at the OUBOCES and the local service providers. At that time we expect to continue at those speeds and potentially re-invest any savings in hopes of increasing speeds without increasing costs.

   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	4,320	432.00	630	630	Current

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

Currently Valley Central is installing a Wireless infrastructure offering gigabit access to at least one WAP (Wireless Access Point) in every classroom and office district wide. We have also increased our bandwidth out to the internet to meet our "precondition requirements" as detailed above in section 2.

The only use of Smart Schools money in the area of "School Connectivity" is that we would like to upgrade and certify our fiber optic links between data closets. Currently the fiber optic cable that is run between our data closets can only transmit at speeds up to 1 Gigabyte per second. We have recently upgraded our switches to new ones that can transmit up to 10 Gigabyte per second, but had to set them to 1 Gigabyte as the actual cabling could not handle that speed. Replacing that cabling with new fiber and having the work certified will multiply our data transmission speeds between closets by a factor of ten. Although this is mainly to increase the transmission speeds for student use, it will also support our increased security camera saturation as detailed in the "High Tech Security Features" section.

To support our student safety program, we are proposing the installation of a backup generator for our CORE Data closet. The current UPS' (Uninterruptible Power Supplies) would keep our equipment (Switches, cameras, phones, etc) up for no longer than an hour or so. With the addition a of a generator, we could guarantee that our CORE Data center would remain powered giving us unlimited power backup in the event of an emergency. Our main concern is being able to run operations in the event of an evacuation. Being able to communicate with parents and the community is key during this period. Evacuating students could take longer than our UPS' could maintain power. Having a generator would allow the switches, routers and gateways would remain connected well beyond the time needed to get students home and allow for thorough communication with parents and community.

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.)

As stated in our Technology plan, it is Valley Central's goal to provide a network infrastructure that is robust and reliable in order to support our goals of improving teaching and learning. At the same time we will benefit from a powerful infrastructure by utilizing the latest in technology security to improve student and staff safety.

All students in the Valley Central School District will have the opportunity to use learning technologies
to access and analyze information in ways that develop higher order thinking skills, increase their ability
to use technology as a tool in solving problems, and support their confident use of the technology skills
they will need for success in their future studies and employments.
The District will incorporate standards for technological literacy, as aligned with the New York State
Learning Standards (NYSLS), to ensure that every student, regardless of the student's race, ethnicity,
gender, family income, geographic location, or disability, will be technologically literate by the time
he/she graduates from high school, including the skills needed for success in his/her future studies and
employments.
Linkages to state and national standards (International Society for Technology in
Education, ISTE; Supporting Teachers to Achieve Results by Integrating Technology into the
Curriculum, STAR; Milken Foundation Education Technology, American Association of School
Librarians/Association for Educational Communication and Technology, AASL/AECT; Information
Literacy Skills Standards, etc.), rubrics, resources, and guides will be provided by the District to support
administrators and teachers in identifying the extent to which students meet high standards of
technology literacy.
The District will use State and Federal technology funding to support our resources to purchase,
install and maintain up-to-date technology hardware and software.
The District will continuously support access to high-quality coursework through the use of
technology by developing standards and criteria for the delivery of online academic courses and
curricula aligned with NYSLS.

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.

    Valley Central Schools department of Technology is currently in the process of installing a robust wireless infrastructure that will offer wireless access to web based resources to all students and staff almost anywhere in the district. When complete every classroom, office and meeting location in the district will have at least one WAP (Wireless Access point) capable of handling up to 50 concurrent connections at a theoretical connection rate of up to 1.3 Gbps. At the same time we are upgrading all of our backend switching and routing equipment with gigabit speeds to support the new wireless infrastructure.

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
44-13-01-06-0-015-027

7. **Certain high-tech security and connectivity infrastructure projects may be eligible for an expedited review process as determined by the Office of Facilities Planning.**

    Was your project deemed eligible for streamlined review?

    No

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

Name	License Number
Thomas Ritzenthaer, AIA	23344

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	Generator to support Core Infrastructure	1	75,000.00	75,000.00
Internal Components and Connections	FLUKE Network Tools	5	4,000.00	20,000.00
		6	**79,000.00**	**95,000**

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	Electrical work needed for Generator installation.	1	6,000.00	6,000.00
Connections/Components	Upgrade of Fiber Optic cabling to	1	150,000.00	150,000.00

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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
	provide greater bandwidth to support increased usage (Chromebooks/security/testing).			
		2	156,000.00	156,000

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	4,333	423	4,756.00	8.89

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

	Public Allocations	Estimated Nonpublic Loan Amount	Estimated Total Sub-Allocations
Network/Access Costs	75,000.00	7,321.72	82,321.72
School Internal Connections and Components	20,000.00	1,952.46	21,952.46
Other	(No Response)	0.00	0.00
Totals:	**95,000.00**	**9,274**	**104,274**

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

	Sub-Allocation
Network/Access Costs	6,000.00
Outside Plant Costs	0.00
School Internal Connections and Components	150,000.00
Professional Services	0.00
Testing	0.00
Other Upfront Costs	0.00
Other Costs	0.00
Totals:	**156,000.00**

14. **School Connectivity Totals**

	Total Sub-Allocations
Total Loanable Items	104,274.17
Total Non-loanable Items	156,000.00
Totals:	**260,274**

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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.

   (No Response)

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

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

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

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

3. **If the district wishes to have students and staff access the Internet from wireless devices within the school building, or in close proximity to it, it must first ensure that it has a robust Wi-Fi network in place that has sufficient bandwidth to meet user demand.**
   Please describe how you have quantified this demand and how you plan to meet this demand.

   (No Response)

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.

    (No Response)

7. **Where appropriate, describe how the proposed technology purchases will enhance ongoing communication with parents and other stakeholders and help the district facilitate technology-based regional partnerships, including distance learning and other efforts.**

    (No Response)

8. **Describe the district's plan to provide professional development to ensure that administrators, teachers and staff can employ the technology purchased to enhance instruction successfully.**

    Note: This response should be aligned and expanded upon in accordance with your district's response to Question 1 of F. Professional Development of your Instructional Technology Plan: "Please provide a summary of professional development offered to teachers and staff, for the time period covered by this plan, to support technology to enhance teaching and learning. Please include topics, audience and method of delivery within your summary."

    (No Response)

9. **Districts must contact one of the SUNY/CUNY teacher preparation programs listed on the document on the left side of the page that supplies the largest number of the district's new teachers to request advice on innovative uses and best practices at the intersection of pedagogy and educational technology.**

    ☐   By checking this box, you certify that you have contacted the SUNY/CUNY teacher preparation program that supplies the largest number of your new teachers to request advice on these issues.

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

    (No Response)

    9b.   Enter the primary Institution phone number.

    (No Response)

    9c.   Enter the name of the contact person with whom you consulted and/or will be collaborating with on innovative uses of technology and best practices.

    (No Response)

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Classroom Learning Technology

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

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	4,333	423	4,756.00	8.89

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

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

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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

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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**

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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.**

   When Valley Central was made aware of the Smart Schools funding, we decided to have a network infrastructure and security audit performed. The audit focused in the following areas:

   A. Assessment of Collaboration systems including; Telephone, Voicemail, Unified
   Communications, Billings, Network readiness for VoIP, CATV, Video over IP, Video
   Conferencing, Digital Signage, Display devices (projectors, TV, Smart Boards)

   B. Assessment of Network Infrastructure including; Network readiness for IP Security, Wireless,
   Wireless Network, cabling (including fiber backbone), campus infrastructure, telecom rooms,
   Broadband connectivity (OUS BOCES/RIC).

   C. Assessment for Physical Security including: Visitor entrances, vestibules, hardening of all other entry/exit doors through Access Control, Video, and Door Alarm systems, Video management, camera placement, card reader placement in additional locations, Intrusion Alarm & Fire systems and Monitoring, mass notification, PA and Digital Signage systems into the Access Control and Video Management system

   Based on the results and advice of the auditors, it was determined that Security was our number one greatest need. A secondary goal was improving our network infrastructure such that it could support the new enhanced security systems at the same time as providing a robust and reliable network infrastructure for student and staff use.
   Previous to the Smart Schools program we took advantage of a safety and security grant that allowed us to install one door access control system on one door in every building. The main benefit was that the greeters now had control of opening and closing the doors only at the main entrance. Unfortunately funds did not allow for us to have door access systems at every door in the district.
   Valley Central will utilize Smart Schools funding to enhance and improve on our existing door access control system by adding a swipe access entry device to all remaining entry doors throughout the district. Any other doors that are not deemed entry doors will have an alarm sounder installed such that staff and students can no longer prop open doors creating an unsafe environment for students.
   Along with increasing and improving our existing door access control system, Valley Central intends on increasing our security camera saturation district wide such that all areas of concern have a camera in place.
   Alongside of the door security and camera saturation, we intend on adding visitor management systems that can perform federal background checks on all visitors that identify themselves using their driver's license or other form of ID. Visitors requesting access to our facilities must state their business, sign in, and present their driver's license or other official identification, which is scanned against the sex offender reg-istry. Once cleared by security, they receive a visitor badge and a sticker that automatically voids after a period of time.
   The expanded door access control system as well as all new and existing security cameras will be tied to a robust series of servers with increased storage access and linkages to our PA and communications systems, allowing for immediate distribution of information over many methods including but not limited to email, phone, text, and network based communications. With this in place security based communications will occur quickly and thoroughly.

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
44-13-01-06-7-999-BA1

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

   ☑ Yes
   ☐ No

3a. **Districts with streamlined projects must certify that they have reviewed all installations with their licensed architect or engineer of record, and provide that person's name and license number. The licensed professional must review the products and proposed method of installation prior to implementation and review the work during and after completion in order to affirm that the work was code-compliant, if requested.**

☑ By checking this box, you certify that the district has reviewed all installations with a licensed architect or engineer of record.

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

Name	License Number
Thomas Ritzenthaler	23344

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	Upgrade of VOIP servers to integrate security features	1	131,843.00	131,843.00
Electronic Security System	128 ch DVR w/160TB & Camera Conversion	2	21,208.00	42,416.00
Electronic Security System	64 ch DVR w 40/TB & Camera Conversion	5	9,563.00	47,815.00
Electronic Security System	Additional Interior and Exterior Cameras	7	54,658.14	382,606.98
Entry Control System	Door Access Control Panels & Keycard Access Readers	7	15,340.03	107,380.21
Entry Control System	Visitor Management	7	6,022.00	42,154.00
Entry Control System	Police Integration with New Lockdown	7	2,345.66	16,419.62
Electronic Security System	Tie in to PA System	7	2,290.00	16,030.00
Electronic Security System	Tie in to Mass Notification System	7	2,014.00	14,098.00
Entry Control System	Lock Down Appliance	7	2,214.99	15,504.93
Entry Control System	Initiate Lockdown from IP Phone	7	2,190.00	15,330.00
Entry Control System	Wired Panic Buttons	28	1,127.75	31,577.00
Entry Control System	Lockdown Strobe Lights	68	984.56	66,950.08
		160	**251,801.13**	**930,125**

6. **If you have made an allocation for High-Tech Security Features, complete this table.**
   Enter each Sub-category Public Allocation based on the the expenditures listed in Table #5.

	Sub-Allocation
Capital-Intensive Security Project (Standard Review)	(No Response)
Electronic Security System	634,808.98
Entry Control System	295,315.84
Approved Door Hardening Project	(No Response)

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High-Tech Security Features

	Sub-Allocation
Other Costs	0.00
Totals:	**930,124.82**

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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.**

   I have sent out a letter to all of the Non-Public's in our District boundaries.

   The letter explains that they have an allotment available to them and explains how they may spend it. The Non-Public's were invited to a meeting on December 5th to discuss their options and ask any questions.

   Whether at the meeting or in a separate communication the following schools were given the necessary details to take advantage of Smart Schools funding.

   Most Precious Blood, Harmony Christian, Montgomery Montessori, Fox Hill, Miss Claire's Montessori.

   They will submit their requests to me in writing soon.

   Upon approval of the SSIP, I will reach out to ALL Non Publics again to allow them more time to take part in the funding available to them.

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.**

   August 1st

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	4,333	423	4,756.00	8.89

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	104,274.17	0.00		21.92	0.00	21.92	21.92	9,274.17
Final Adjusted Loan - (If additional loan funds)	104,274.17	0.00	(No Response)	21.92	0.00	21.92	21.92	9,274.17

5. **Nonpublic Share**

	Final Per Pupil Amount	Final Nonpublic Loan Amount
Pending and Previously Approved Plans	0.00	0.00
This Plan	21.92	9,274.17
Total	21.92	9,274.17

6. **Distribution of Nonpublic Loan Amount by School**

Nonpublic School Name	2018-19 K-12 Enrollment	Special Ed School? If Yes, not eligible
FOX HILL SCHOOL	42	No
HARMONY CHRISTIAN SCHOOL	182	No
MONTGOMERY MONTESSORI SCHOOL	51	No

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Non-Public Schools

Nonpublic School Name	2018-19 K-12 Enrollment	Special Ed School? If Yes, not eligible
MONTGOMERY NURSERY SCHOOL	0	No
MOST PRECIOUS BLOOD SCHOOL	102	No
MS CLAIRE'S MONTESSORI	8	No

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
Unbudgeted Nonpublic Loan Amount	Undetermined Non-Public Loan	1	9,274.17	9,274.17
		1	**9,274.17**	**9,274**