

## Smart Schools Investment Plan - 2016-17 Version (Original) - Smart Schools Investment Plan 2018-2019

SSIP Overview

---

Page Last Modified: 11/09/2018

**Institution ID**

80000051798

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

Loretta Fowler

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

518-497-6611

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

l.fowler@chateaugaycsd.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

- 4a. If your district contains non-public schools, have you provided a timely opportunity for consultation with these stakeholders?

Yes

No

N/A

Smart Schools Investment Plan - 2016-17 Version (Original) - Smart Schools Investment Plan 2018-2019

SSIP Overview

Page Last Modified: 11/09/2018

5. **Certify that the following required steps have taken place by checking the boxes below: Each box must be checked prior to submitting your Smart Schools Investment Plan.**

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

5a. **Please upload the proposed Smart Schools Investment Plan (SSIP) that was posted on the district's website, along with any supporting materials. Note that this should be different than your recently submitted Educational Technology Survey. The Final SSIP, as approved by the School Board, should also be posted on the website and remain there during the course of the projects contained therein.**

Smart Schools Investment Plan.docx  
 Chateaugay Smart Schools Project BOE presentation.4.14.17 (1).pdf  
 5-15-17 SSIP print-survey (1).pdf

5b. **Enter the webpage address where the final Smart Schools Investment Plan is posted. The Plan should remain posted for the life of the included projects.**

<https://sites.google.com/a/chateaugaycsd.org/ccsbulldogs/smartschoolsbondact2017>

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

644

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

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

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

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

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

(No Response)

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

\$633,985

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

Smart Schools Investment Plan - 2016-17 Version (Original) - Smart Schools Investment Plan 2018-2019

SSIP Overview

---

Page Last Modified: 11/09/2018

	Sub-Allocations
School Connectivity	0
Connectivity Projects for Communities	0
Classroom Technology	0
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	633,985
<b>Totals:</b>	<b>633,985</b>

Smart Schools Investment Plan - 2016-17 Version (Original) - Smart Schools Investment Plan 2018-2019

School Connectivity

Page Last Modified: 04/10/2017

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

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

1. Specifically codified in a service contract with a provider, and
2. Guaranteed to be available to all students and devices as needed, particularly during periods of high demand, such as computer-based testing (CBT) periods.

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

(No Response)

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

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

2. Connectivity Speed Calculator (Required)

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

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

(No Response)

4. Describe the linkage between the district's District Instructional Technology Plan and the proposed projects. (There should be a link between your response to this question and your response to Question 1 in Part E. Curriculum and Instruction "What are the district's plans to use digital connectivity and technology to improve teaching and learning?")

(No Response)

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

Please describe how you have quantified this demand and how you plan to meet this demand.

(No Response)

Smart Schools Investment Plan - 2016-17 Version (Original) - Smart Schools Investment Plan 2018-2019

School Connectivity

Page Last Modified: 04/10/2017

6. As indicated on Page 5 of the guidance, the Office of Facilities Planning will have to conduct a preliminary review of all capital projects, including connectivity projects.  
Please indicate on a separate row each project number given to you by the Office of Facilities Planning.

Project Number
(No Response)

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 Response)

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

Name	License Number
Shawn Travers	(No Response)

9. If you are submitting an allocation for School Connectivity complete this table.  
Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

	Sub-Allocation
Network/Access Costs	(No Response)
Outside Plant Costs	(No Response)
School Internal Connections and Components	(No Response)
Professional Services	(No Response)
Testing	(No Response)
Other Upfront Costs	(No Response)
Other Costs	(No Response)
<b>Totals:</b>	<b>0</b>

10. Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be eligible for tax-exempt financing to be reimbursed through the SSBA. Sufficient detail must be provided so that we can verify this is the case. If you have any questions, please contact us directly through [smartschools@nysed.gov](mailto:smartschools@nysed.gov).  
**NOTE: Wireless Access Points should be included in this category, not under Classroom Educational Technology, except those that will be loaned/purchased for nonpublic schools.**  
Add rows under each sub-category for additional items, as needed.

Smart Schools Investment Plan - 2016-17 Version (Original) - Smart Schools Investment Plan 2018-2019

School Connectivity

---

Page Last Modified: 04/10/2017

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

Smart Schools Investment Plan - 2016-17 Version (Original) - Smart Schools Investment Plan 2018-2019

High-Tech Security Features

Page Last Modified: 11/09/2018

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 SSIP is a comprehensive plan that will integrate communication between our telephone system, door access controls, video surveillance system, lockdown/mass notification system, and sound system. We will also install Fiber Optic (FO) Cabling between the bus garage and the main building to allow for IP Network based security systems to be interconnected across the campus. Old cabling or security and communication systems that is being replaced will also be removed.

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
16-08-01-04-7-999-001

3. Was your project deemed eligible for streamlined Review?

- Yes  
 No

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

Name	License Number
Shawn Travers	28134

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

Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

	Sub-Allocation
Capital-Intensive Security Project (Standard Review)	(No Response)
Electronic Security System	524,004
Entry Control System	109,981
Approved Door Hardening Project	(No Response)
Other Costs	(No Response)
<b>Totals:</b>	<b>633,985</b>

6. Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be capital-bond eligible to be reimbursed through the SSBA. If you have any questions, please contact us directly through [smartschools@nysed.gov](mailto:smartschools@nysed.gov).

Add rows under each sub-category for additional items, as needed.

## Smart Schools Investment Plan - 2016-17 Version (Original) - Smart Schools Investment Plan 2018-2019

## High-Tech Security Features

Page Last Modified: 11/09/2018

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	Telephone Switch Upgrade	1.00	4,536	4,536
Electronic Security System	Classroom Telephones	75.00	32	2,363
Electronic Security System	Office Telephones	11.00	441	4,851
Electronic Security System	Cabling Upgrade	140.00	28	3,907
Electronic Security System	Integration Services	1.00	3,780	3,780
Electronic Security System	Outside Plant Fiber	1,500.00	4	6,000
Electronic Security System	Outside Plant Fiber extended inside of facilities	300.00	3	900
Electronic Security System	12 Strand Fiber	1.00	240	240
Electronic Security System	Fiber Distribution Fibers	1.00	200	200
Electronic Security System	OTDR Fiber Test	1.00	220	220
Electronic Security System	Fiber Optic Cabling Pathway	1,500.00	8	12,600
Electronic Security System	Cabling Modifications	200.00	126	25,200
Electronic Security System	Servers	2.00	24,570	49,140
Electronic Security System	Interior Cameras	40.00	1,323	52,920
Electronic Security System	Exterior Cameras	18.00	2,142	38,556
Electronic Security System	Cabling	58.00	819	47,502
Electronic Security System	Mounting High Cameras	10.00	252	2,520
Electronic Security System	Patch Cables	120.00	9	1,058
Electronic Security System	Integration/Installation fro 58 Cameras	58.00	340	19,732
Electronic Security System	Demolition of Existing Sound System	1.00	25,200	25,200
Electronic Security System	Sound System Rack - Annex	1.00	4,410	4,410
Electronic Security System	Sound System Rack - Bus Garage	1.00	4,410	4,410
Electronic Security System	Sound System Rack - K12 School	1.00	18,900	18,900
Electronic Security System	New Speakers and Wiring	180.00	693	124,740
Electronic Security System	Panic Buttons and Wiring	5.00	315	1,575
Electronic Security System	Lockdown Software	1.00	18,900	18,900
Electronic Security System	Blue Lights and Wiring (Interior)	30.00	693	20,790
Electronic Security System	Blue Lights and Wiring (Exterior)	10.00	378	3,780
Electronic Security System	Blue Light Control Panels	6.00	1,134	6,804
Electronic Security System	Interface to FA, DAC, and Telephone	1.00	1,890	1,890
Electronic Security System	Integration Services	1.00	16,380	16,380



Smart Schools Investment Plan - 2016-17 Version (Original) - Smart Schools Investment Plan 2018-2019

High-Tech Security Features

---

Page Last Modified: 11/09/2018

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Entry Control System	New DAC Server and Interface EXG Equipment	1.00	9,450	9,450
Entry Control System	New IP Control Panel	9.00	2,200	19,800
Entry Control System	Connections to Existing DAC Devices	9.00	950	8,550
Entry Control System	New IP Control Panel	6.00	2,200	13,200
Entry Control System	New DAC Devices and Associated Wiring	6.00	3,470	20,820
Entry Control System	Individual Door Contacts and Wiring	39.00	378	14,742
Entry Control System	New Door Contact	1.00	78	78
Entry Control System	Installation	1.00	300	300
Entry Control System	Integration Services	1.00	22,411	22,411
Entry Control System	Access FOB's	105.00	6	630