

Smart Schools Investment Plan - Revised - Fulton City Supplemental 2

SSIP Overview

Institution ID

800000040062

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

Joseph Reilly

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

6076543858

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

reilly.j.n@gmail.com

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.

Supplemental 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

The district was unable to meet with each group of stakeholders due to an emergency need as a result of the COVID-19 crisis.

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 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 school board was unable to conduct a hearing that enabled stakeholders to respond to the preliminary plan due to an emergency need as a result of the COVID-19 crisis.

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.

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SSIP Overview

- 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.

Board of Ed Copy of Fulton SSIP Presentation.ppt.pdf

- 6b. Enter the webpage address where the final Smart Schools Investment Plan is posted. The Plan should remain posted for the life of the included projects.

http://www.fultoncsd.org/tfiles/folder108/SSBA%20Submission_070219.pdf

- 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.

3,700

- 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:

\$3,971,619

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	3,530	0	3,530.00	0.00

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

	Sub-Allocations	Expenditure Totals	Difference
School Connectivity	259,000.00	259,000.00	0.00
Connectivity Projects for Communities	0.00	0.00	0.00
Classroom Technology	965,340.00	965,340.00	0.00
Pre-Kindergarten Classrooms	0.00	0.00	0.00
Replace Transportable Classrooms	0.00	0.00	0.00
High-Tech Security Features	1,634,387.00	1,634,387.00	0.00
Nonpublic Loan	0.00	0.00	0.00
Totals:			

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SSIP Overview

	Sub-Allocations	Expenditure Totals	Difference
	2,858,727	2,858,727	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.

Fulton City School District currently subscribes to internet services through the Central New York Regional Information Services. They currently meet the standard.

- 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	3,350	335.00	500	500	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.

Fulton City Schools has a large, complex network infrastructure supporting their student's one-to-one integration. Meeting with planning specialists from CNYRIC and technology engineers from King and King architects, Fulton City Schools identified several closets that are approaching capacity on their Power over Ethernet switches. With additional wireless access points from the previous Smart Applications, the planning team recommends increasing the number of POE switches as reflected in this application.

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 technology plan for Fulton City Schools prioritizes the establishment and continued support for a one-to-one initiative. This requires a robust network with saturation wifi in all areas of the district. This application provides an additional number of POE switches to support the wifi and to allow for 10 gig communication between the core switches and the edge switches.

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School Connectivity

- 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.

On an annual basis, the technology team from Fulton City Schools meets with the administrative team to review all of the learning spaces in the district. They compare the number of students in each space with the existing wireless access support and hard wired support. From this comparison they make recommendation based on the strengths and weaknesses of their network 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
46-05-00-01-7-999-BA1

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

Was your project deemed eligible for streamlined review?

Yes

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

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

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

Name	License Number
James King	15925

- 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
(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)

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School Connectivity

Select the allowable expenditure type. Repeat to add another item under each type.	PUBLIC Items to be purchased	Quantity	Cost per Item	Total Cost
Network/Access Costs	HP 5400 Core Switch	2	25,000.00	50,000.00
Network/Access Costs	JL558AHP/Aruba 2930F 48G PoE+ 4SFP+ 740W Switch	38	3,100.00	117,800.00
Connections/Components	J9151D Aruba 10G SFP+ LC LR 10km SMF Transceiver	76	1,200.00	91,200.00
		116	29,300.00	259,000

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	3,530	0	3,530.00	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	0.00	0.00	0.00
School Internal Connections and Components	0.00	0.00	0.00
Other	0.00	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	167,800.00
Outside Plant Costs	0.00
School Internal Connections and Components	91,200.00
Professional Services	0.00
Testing	0.00
Other Upfront Costs	0.00
Other Costs	0.00
Totals:	259,000.00

14. School Connectivity Totals

	Total Sub-Allocations
Total Loanable Items	0.00
Total Non-loanable Items	259,000.00
Totals:	259,000

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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.

Fulton City School District subscribes to broadband services through the Central New York Regional Information Center and currently exceeds this standard.

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	3,600	360.00	450	450	Currently Met

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

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

During the 2018-19 school year, working with staff from the CNYRIC and King and King architects, Fulton City Schools reviewed the network infrastructure including wireless access, cabling and switching capacity. The team identified the learning spaces and the student demand in those spaces. The team identified a couple of locations that were underserved and addressed that with a previous Smart School Amendment filed in July of 2019. The new equipment was installed during the summer of 2019, and the district is quite confident that they have a reliable network capacity to support the educational program for the district.

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.

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- 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.**

As a component of the Instructional Technology Plan, Fulton City Schools anticipates issuing additional personal devices to the students to support a one-to-one initiative. These devices do not require additional electrical, HVAC, or other infrastructure upgrades for their use. Network upgrades are addressed in the Connectivity section of this application.

A second component of this plan are the installation of additional Promethean interactive display units in the district. These boards are scheduled to replace existing boards that are "end of life." They have less electrical demand than the current boards which reduce the demands on the existing electrical service.

- 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.

This plan recommends the replacement of Promethean Display boards in district classrooms. All district classrooms including regular education, classrooms for students with disabilities, classrooms for English Language or Multilingual learners.

Multilingual students are already integrating the older, existing displays with the Google translation component. These multilingual students can translate instructional texts from English to their native language or from their native language to English on the screen. They no longer have to wait for an interpreter or a special text to be ordered and assigned.

All classrooms for Students with disabilities are also equipped. These students benefit from the interactive component. They can move items around for grouping in math, they can peer review student work, and they can benefit from the immediate integration of videos and simulations.

This equipment will reduce learning gaps by providing multiple learning tools for specific under performing groups. Students who are at risk of failing high stakes tests can utilize the displays to participate in test prep. Students who struggle with traditional lecture learning can use other forms of instruction.

Students who become familiar with these tools inside the classroom through demonstration and participation are more successful when they use these tools independently, outside the classroom.

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

The personal devices will not have a direct impact on enhancing communication with parents and stakeholders. Fulton City Schools has a web based student management system with a robust parent portal that allows parents to check attendance in real time, student progress, and any discipline issues in real time.

The Promethean displays will, in fact, have a strong impact on distance learning and technology based regional based partnerships. Traditional distance learning rooms were very expensive and could only handle small groups of students at any time. With the implementation of these interactive boards, Every classroom can be a distance learning room. With the addition of a \$20 usb camera any group of students in any room can participate in a virtual learning experience. Additionally, the student laptops and chromebooks are all equipped with cameras and microphones so individual students can Google Chat with regional resources.

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Classroom Learning Technology

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

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

The district has a Technology Integration Committee that works closely with the district Professional Development Committee. These committees align district goals and school improvement plans with teacher needs. It is our goal to transform classroom technology from a collection of things to effective tools for teaching and learning.

Professional development opportunities for staff include and are not limited to, mentoring, modeling, workshops, special courses, structured observations, summer institutes and study groups. District staff are encouraged to attend various offerings annually on the use and integration of our chosen technology tools. The district has a 0.5 technology coach who works with staff with their technology needs in addition to more formal professional development offerings throughout the year. The technology coach also provides follow-up to our formal professional development offerings to help ensure our instructional staff are comfortable with the technology resources selected by the Technology Integration Committee. Specific professional development topics include training on the use of our Curriculum Mangement subscription, NYLearns. This resource houses the curriculum documents for all core area teachers. It has a customizable section for teacher teams to share assessments, resources and learning tools that align their curriculum standards with their daily and weekly lesson planning. This topic was offered on our Staff Professional Development Days. The devices were used to facilitate the training. Other topics recently offered include the use of Google apps for Education and Schoology's Learning Management System. The sessions were offered in the summer and our Technology Coach has since worked with staff to support their learning needs with these resources. The goal is that all teachers and students are using these tools to collaborate, communicate and learn together. These resources allow for differentiation and custom grouping for assignments and assessments to meet students at their individual skill levels.

Moving forward in our professional development plan, the district is looking at how resources like NYLearns, Schoology and Google Apps for Education can support learning plans for teachers and students, how these tools can facilitate higher order questioning and ultimately improve student engagement. The devices we propose to purchase all support this direction. The district recognizes the critical relationship between professional development and the successful integration of these devices in instruction and learning. Additionally, topics on Project Based Learning and STEM have been offered and will continue to be offered. These topics will be supported and instructed using the proposed devices. Our intent to provide hardware for our local library will promote access to district technologies outside of school hours and our commitment to partner with our local library will allow our library staff to support district and student success.

- 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.

SUNY Oswego

- 9b. Enter the primary Institution phone number.

315-312-2102

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

Dr. Pamela Michel

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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
Interactive Whiteboards	Promethean Active Panel 75	120	4,400.00	528,000.00
Interactive Whiteboards	Promethean APTMS-3 Mounting Stand	120	528.00	63,360.00
Laptop Computers	Acer Chromebook 11 C732-C6WU - 11.6	600	225.00	135,000.00
Laptop Computers	Dell Laptop Inspiron 14 5000 2-in-1 Laptop	252	715.00	180,180.00
Other Costs	Google Licensing	600	28.00	16,800.00
Other Costs	Chromebook carrying bags	600	70.00	42,000.00
		2,292	5,966.00	965,340

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

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	3,530	0	3,530.00	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	591,360.00	0.00	591,360.00
Computer Servers	0.00	0.00	0.00
Desktop Computers	0.00	0.00	0.00
Laptop Computers	315,180.00	0.00	315,180.00
Tablet Computers	0.00	0.00	0.00
Other Costs	58,800.00	0.00	58,800.00
Totals:			

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Classroom Learning Technology

	Public School Sub-Allocation	Estimated Nonpublic Loan Amount (Based on Percentage Above)	Estimated Total Public and Nonpublic Sub-Allocation
	965,340.00	0	965,340

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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

Smart Schools Investment Plan - Revised - Fulton City Supplemental 2

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.

There are a number of components to a complete security plan. Communication, Notification, Access, and Observation would be included. Fulton is pursuing two of these components with funds from this plan.

The first component is Observation. A robust video security system is planned for all of the buildings. The current system is not a system. The district has purchased numerous analog cameras, with limited capacity and reliability. The goal is a reliable, upgradable system that protects the students by recording events and intruders. This system includes robust servers in all buildings. These servers will have the capacity to store all events for an extended amount of time and to archive any specific events for future reference. The plan provides for a diversity of middle and high resolution cameras that cover the campus and the buildings. The current cameras only provide a blurry image. These cameras will allow administrators and parents to review incidents carefully with clear identification of the events.

The Second components Access or door security. The district wishes to expand the number of doors that have video access units installed. Anyone who approaches the door will need to identify themselves and their reason for accessing the building before they receive access instead of trying to get them to leave after they are inside the building. Additionally, unattended doors will be equipped with door contacts. The district administration will know when someone opens an unattended or unsupervised door. Someone inside the building will not be able to block open a door for a visit after hours or for someone who isn't authorized to visit.

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
46-05-00-01-7-999-004
46-05-00-01-7-999-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
James King	15925

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	P1447-LE 5MP indoor/Outdoor Bullet Network Camera, 01054-001	418	799.00	333,982.00

Smart Schools Investment Plan - Revised - Fulton City Supplemental 2

High-Tech Security Features

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Electronic Security System	Axis Communications A8004-VE Network Video Door Station	7	1,311.00	9,177.00
Electronic Security System	CAT6 plenum cable, RJ45 jacks, patch panels, cables and camera install materials	420	227.00	95,340.00
Electronic Security System	IP08-GGT-R4Z Rackmount 4U recorder with 128 IP Camera Capacity, Dual GB Nic HDMI, DVI-D, VGA, 232/485 Serial Port, RAID 6, Windows 10 on SSD, Dual Power Supplies, 56TB Raid Storage	7	26,220.00	183,540.00
Electronic Security System	Camera Licenses	417	200.00	83,400.00
Electronic Security System	Labor for cabling and system installation	4,955	127.00	629,285.00
Other Costs	Architect Fees	1	94,000.00	94,000.00
Other Costs	Construction Contingencies	1	120,000.00	120,000.00
Entry Control System	S2 Netbox Extreme Controller - 32 door	6	3,214.00	19,284.00
Entry Control System	S2 Micronode Enclosure	31	1,164.00	36,084.00
Entry Control System	Belden Access Control Cable	19,260	1.00	19,260.00
Entry Control System	18/2 Plenum Cable	2,160	1.00	2,160.00
Entry Control System	iClass SE R40 Reader	9	231.00	2,079.00
Entry Control System	HES 9400 Series Door Strike	12	367.00	4,404.00
Entry Control System	Door Contacts	12	9.00	108.00
Entry Control System	Request to Exit PIR	2	110.00	220.00
Entry Control System	Altonix 12VDC Power Supply, 10A, 16 outputs	6	344.00	2,064.00
		27,724	248,325.00	1,634,387

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

	Sub-Allocation
Capital-Intensive Security Project (Standard Review)	0.00
Electronic Security System	1,334,724.00
Entry Control System	85,663.00
Approved Door Hardening Project	0.00
Other Costs	214,000.00
Totals:	1,634,387.00