

Smart Schools Investment Plan - Revised - Lackawanna Public Schools v1

SSIP Overview

Institution ID

800000052156

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

Bruce Axelson

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

716-821-5610 X 7792

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

baxelson@lackawannaschools.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 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.

Smart Schools Investment Plan - Revised - Lackawanna Public Schools v1

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.

Smart_Schools_Bond_Act.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.

https://www.lackawannaschools.org/departments_and_services/technology_office/smart_schools_bond_act

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

2,431

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:

\$2,922,791

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

| | Public Enrollment | Nonpublic Enrollment | Total Enrollment | Nonpublic Percentage |
|------------|-------------------|----------------------|------------------|----------------------|
| Enrollment | 1,712 | 354 | 2,066.00 | 17.13 |

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 | 846,594.00 | 846,594.00 | 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 | 1,974,979.00 | 1,974,979.00 | 0.00 |
| Nonpublic Loan | 88,500.00 | 88,500.00 | 0.00 |
| Totals: | | | |

Smart Schools Investment Plan - Revised - Lackawanna Public Schools v1

SSIP Overview

| | | | |
|--|------------------|--------------------|------------|
| | Sub-Allocations | Expenditure Totals | Difference |
| | 2,910,073 | 2,910,073 | 0 |

Smart Schools Investment Plan - Revised - Lackawanna Public Schools v1

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.

We currently meet or exceed the minimum speed standard. The District utilizes Erie 1 BOCES for connectivity and tech standards and this will be enhanced with horizontal and backbone cabling and wireless access district wide to instructional spaces.

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

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

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

| | Number of Students | Required Speed in Mbps | Current Speed in Mbps | Expected Speed to be Attained Within 12 Months | Expected Date When Required Speed Will be Met |
|------------------|--------------------|------------------------|-----------------------|--|---|
| Calculated Speed | 1,975 | 197.50 | 440 | 10,000 Mb | Currently |

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

There is no existing managed wireless network or infrastructure in any building in the district. The SSBA funds will be used to provide a new district wide managed 802.11ac wireless network. This includes software, hardware, cabling, and POE switches. Wireless coverage will be provided in classrooms and large occupancy instructional spaces as part of this project.

Smart Schools Investment Plan - Revised - Lackawanna Public Schools v1

School Connectivity

4. Describe the linkage between the district's District Instructional Technology Plan and how the proposed projects will improve teaching and learning. (There should be a link between your response to this question and your responses to Question 1 in Section IV - NYSED Initiatives Alignment: "Explain how the district use of instructional technology will serve as a part of a comprehensive and sustained effort to support rigorous academic standards attainment and performance improvement for students.")

Your answer should also align with your answers to the questions in Section II - Strategic Technology Planning and the associated Action Steps in Section III - Action Plan.)

The District wireless connectivity will be used to "integrate technology into instruction". Portable laptop carts will allow "instructional software across District grade levels and subject areas". There is currently a need (prior to Smart Bond Act project) for increased network access and 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 study and employment. The Smart Bond Act will allow for increased wired, wireless, and backbone infrastructure to each wiring closet and classroom and instructional space. The new infrastructure will provide reliable digital connectivity and technology and networking to support hardwired access, wireless access, security, and integrated VOIP emergency communications throughout the district.

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.

The first task is to provide a new 10Gb network backbone with POE+ switches to support the new Wireless Access Points (WAP). A managed 802.11ac wireless network with load sharing, adjustable bandwidth allocation, and security credentials will provide this assurance. Each classroom will receive a Cat. 6A drop, large capacity instruction spaces shall receive multiple Cat. 6A drops. Each classroom will receive a new 802.11ac Wireless Access Point (WAP).

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 |
| 14-18-00-01-7-999-003 |

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 |
| Jon Helberg | 80515 |

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 | Wireless APs | 240 | 1,500.00 | 360,000.00 |

Smart Schools Investment Plan - Revised - Lackawanna Public Schools v1

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 | Network Hardware and POE Switches | 22 | 7,500.00 | 165,000.00 |
| | | 262 | 9,000.00 | 525,000 |

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 |
| Professional Services | Arch/Engineer Fee | 1 | 69,594.00 | 69,594.00 |
| Connections/Components | Cat 6A & OM4 fiber | 600 | 420.00 | 252,000.00 |
| | | 601 | 70,014.00 | 321,594 |

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

| | | | | |
|------------|-------------------|----------------------|------------------|----------------------|
| | Public Enrollment | Nonpublic Enrollment | Total Enrollment | Nonpublic Percentage |
| Enrollment | 1,712 | 354 | 2,066.00 | 17.13 |

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

| | | | |
|--|--------------------|---------------------------------|---------------------------------|
| | Public Allocations | Estimated Nonpublic Loan Amount | Estimated Total Sub-Allocations |
| Network/Access Costs | 525,000.00 | 88,500.00 | 613,500.00 |
| School Internal Connections and Components | 0.00 | 0.00 | 0.00 |
| Other | (No Response) | 0.00 | 0.00 |
| Totals: | 525,000.00 | 88,500 | 613,500 |

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

| | |
|--|-------------------|
| | Sub-Allocation |
| Network/Access Costs | 0.00 |
| Outside Plant Costs | 0.00 |
| School Internal Connections and Components | 252,000.00 |
| Professional Services | 69,594.00 |
| Testing | 0.00 |
| Other Upfront Costs | 0.00 |
| Other Costs | 0.00 |
| Totals: | 321,594.00 |

14. School Connectivity Totals

Smart Schools Investment Plan - Revised - Lackawanna Public Schools v1

School Connectivity

| | |
|--------------------------|-----------------------|
| | Total Sub-Allocations |
| Total Loanable Items | 613,500.00 |
| Total Non-loanable Items | 321,594.00 |
| Totals: | 935,094 |

Smart Schools Investment Plan - Revised - Lackawanna Public Schools v1

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 |

Smart Schools Investment Plan - Revised - Lackawanna Public Schools v1

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)

Smart Schools Investment Plan - Revised - Lackawanna Public Schools v1

Classroom Learning Technology

6. Describe how the proposed technology purchases will:
- > enhance differentiated instruction;
 - > expand student learning inside and outside the classroom;
 - > benefit students with disabilities and English language learners; and
 - > contribute to the reduction of other learning gaps that have been identified within the district.

The expectation is that districts will place a priority on addressing the needs of students who struggle to succeed in a rigorous curriculum. Responses in this section should specifically address this concern and align with the district's Instructional Technology Plan (in particular Question 2 of E. Curriculum and Instruction: "Does the district's instructional technology plan address the needs of students with disabilities to ensure equitable access to instruction, materials and assessments?" and Question 3 of the same section: "Does the district's instructional technology plan address the provision of assistive technology specifically for students with disabilities to ensure access to and participation in the general curriculum?")

In addition, describe how the district ensures equitable access to instruction, materials and assessments and participation in the general curriculum for both SWD and English Language Learners/Multilingual Learners (ELL/MLL) students.

(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)

Smart Schools Investment Plan - Revised - Lackawanna Public Schools v1

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 | 1,712 | 354 | 2,066.00 | 17.13 |

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 |

Smart Schools Investment Plan - Revised - Lackawanna Public Schools v1

Pre-Kindergarten Classrooms

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

(No Response)

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

- Specific descriptions of what the district intends to do to each space;
- An affirmation that new pre-kindergarten classrooms will contain a minimum of 900 square feet per classroom;
- The number of classrooms involved;
- The approximate construction costs per classroom; and
- Confirmation that the space is district-owned or has a long-term lease that exceeds the probable useful life of the improvements.

(No Response)

3. Smart Schools Bond Act funds may only be used for capital construction costs. Describe the type and amount of additional funds that will be required to support ineligible ongoing costs (e.g. instruction, supplies) associated with any additional pre-kindergarten classrooms that the district plans to add.

(No Response)

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

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

| |
|----------------|
| Project Number |
| (No Response) |

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

| Select the allowable expenditure type. Repeat to add another item under each type. | Item to be purchased | Quantity | Cost per Item | Total Cost |
|---|----------------------|---------------|---------------|------------|
| (No Response) | (No Response) | (No Response) | (No Response) | 0.00 |
| | | 0 | 0.00 | 0 |

6. If you have made an allocation for Pre-Kindergarten Classrooms, complete this table.
Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

| | |
|--|----------------|
| | Sub-Allocation |
| Construct Pre-K Classrooms | (No Response) |
| Enhance/Modernize Educational Facilities | (No Response) |
| Other Costs | (No Response) |
| Totals: | 0.00 |

Smart Schools Investment Plan - Revised - Lackawanna Public Schools v1

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 - Lackawanna Public Schools v1

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.

A District wide notification system will be provided consisting of networked public address/emergency notification system, LED message display boards, and VOIP telephones. Network integrated high resolution cameras with district wide IP surveillance, integrated access control, proximity readers, electronic classroom lockdown, and hardware upgrades will be provided.

A new SIP based public address/emergency notification system headend will be provided in each building and connected to the Local Area Network (LAN). The SIP based headend can be activated by a Smart Phone used by an administrator or by a pin code on any new VOIP handset. The SIP based headend can then play a pre-recorded lockdown or other custom district designate emergency message to all occupant in the building or across the district. A SIP headend has the ability to network with the SIP headends in other buildings to provide a district wide lockdown. The LED message display boards will be located in large assembly areas and main corridors. These LED message display boards are SIP compliant, they will automatically change their current display (clock or school notifications) and flash a warning and text of the emergency message sent out by a district administrator.

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 |
| 14-18-00-01-7-999-003 |

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 |
| Jon Helberg | 80515 |

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 |
|---|---|----------|---------------|------------|
| Entry Control System | Prox. reader electronic classroom access and door hardware upgrades integrated with auto lockdown | 375 | 1,298.00 | 486,750.00 |
| Electronic Security System | District wide IP video surveillance system and wiring | 150 | 2,800.00 | 420,000.00 |
| Other Costs | Architect/Engineering Fees | 1 | 84,179.00 | 84,179.00 |
| Entry Control System | District wide access control system, wiring, and prox. readers at select exterior doors | 40 | 3,800.00 | 152,000.00 |
| Electronic Security System | SIP Based LED Message Boards | 25 | 1,155.00 | 28,875.00 |

Smart Schools Investment Plan - Revised - Lackawanna Public Schools v1

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 | VOIP phones & licenses & servers to interface emergency notification system | 750 | 720.00 | 540,000.00 |
| Electronic Security System | SIP Based Emergency Notification System | 750 | 320.50 | 240,375.00 |
| Entry Control System | District wide video intercom system Main Entrances and remote manual button release | 12 | 1,900.00 | 22,800.00 |
| | | 2,103 | 96,172.50 | 1,974,979 |

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 | 1,229,250.00 |
| Entry Control System | 661,550.00 |
| Approved Door Hardening Project | (No Response) |
| Other Costs | 84,179.00 |
| Totals: | 1,974,979.00 |

Smart Schools Investment Plan - Revised - Lackawanna Public Schools v1

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.

The maximum non-public loan amount based on 2014-15 enrollment was reached. However, the loan amount is being capped at the \$250 per-pupil maximum based on the current non-public enrollment, since that amount cannot be exceeded. This amount is \$88,500. Lackawanna CSD has previous hardware sharing and loan procedures in place with non-publics within the district boundaries. Lackawanna CSD will follow their traditional procedures for equipment identified as loanable devices in the Smart Schools Bond Act. The non-public schools may request any devices/equipment eligible for non-public loan. Requests from non-publics shall be received by June 20th of each year. Non-public schools may borrow the equipment for the entire school year (September thru June). Lackawanna CSD will not provide wireless controller software and licensing and installation services to non-publics. The borrowing non-public agency shall be responsible for all transportation, safe keeping, wiring, installations, software, and licensing of the Wireless access points and associated POE switches loaned and connected in their buildings.

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

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

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

June 20th

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

| | Public Enrollment | Nonpublic Enrollment | Total Enrollment | Nonpublic Percentage |
|------------|-------------------|----------------------|------------------|----------------------|
| Enrollment | 1,712 | 354 | 2,066.00 | 17.13 |

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 | 613,500.00 | 0.00 | | 250.00 | 0.00 | 250.00 | 250.00 | 88,500.00 |
| Final Adjusted Loan - (If additional loan funds) | 613,500.00 | 0.00 | (No Response) | 250.00 | 0.00 | 250.00 | 250.00 | 88,500.00 |

5. Nonpublic Share

| | Final Per Pupil Amount | Final Nonpublic Loan Amount |
|---------------------------------------|------------------------|-----------------------------|
| Pending and Previously Approved Plans | 0.00 | 0.00 |
| This Plan | 250.00 | 88,500.00 |
| Total | 250.00 | 88,500.00 |

6. Distribution of Nonpublic Loan Amount by School

| Nonpublic School Name | 2018-19 K-12 Enrollment | Special Ed School? If Yes, not eligible |
|------------------------|-------------------------|---|
| AL-RASHEED ACADEMY | 106 | No |
| AL-RASHEED ACADEMY | 79 | No |
| BAKER VICTORY SERVICES | 112 | Yes |

Smart Schools Investment Plan - Revised - Lackawanna Public Schools v1

Non-Public Schools

| Nonpublic School Name | 2018-19 K-12 Enrollment | Special Ed School? If Yes, not eligible |
|-----------------------------|-------------------------|---|
| INTENSIVE TREATMENT PROGRAM | 2 | Yes |
| OUR LADY OF VICTORY SCHOOL | 169 | 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 |
|---|-----------------------------------|-----------|-----------------|---------------|
| Loanable Network Access Costs | Wireless APs | 30 | 1,450.00 | 43,500.00 |
| Loanable Network Access Costs | Newtork Hardware and POE switches | 6 | 7,500.00 | 45,000.00 |
| | | 36 | 8,950.00 | 88,500 |