

Forestville Central School District

Smart Schools Bond Act Investment Plan



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Introductions



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Day Automation

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Door Specialties

- Greg Sabou



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Plan Overview – What is Smart Schools Bond Act?



- **The Smart Schools Bond Act (SSBA)** was announced by Governor Andrew M. Cuomo and approved by voters during the general election on **November 4, 2014**.
- **The SSBA** authorized **\$2 billion** of general obligation bonds, to finance educational technology and infrastructure to improve the learning environment of students throughout the state. Districts interested in obtaining funds were required to follow a rigorous process to develop and submit a **Smart Schools Investment Plan (SSIP)**.
- **Forestville CSD** was allotted **\$594,163** through **The SSBA**. The district's plan will provide infrastructure, security, and classroom information technology updates within the elementary and middle/high buildings. The district has already used a portion of these funds

Plan Overview – SSBA Eligible Costs by Category



- **Category 1: School and Community Connectivity**
 - Install high speed broadband or wireless internet connectivity for schools and communities.
- **Category 2: Acquire Learning Technology Equipment Or Facilities**
 - Acquiring learning technology equipment or facilities, including but not limited to interactive whiteboards, computer servers, desktops, laptops, and tablet computers.
**There is a minimum speed standard of 100Mbps per 1,000 students for schools in the United States
- **Category 3: Pre-Kindergarten Classrooms And Replace Transportable Classrooms**
 - Constructing, enhancing, and modernizing educational facilities to accommodate prekindergarten programs and provide instructional space to replace classroom trailers.
- **Category 4: Installing High Tech Security Features**
 - Installing high-tech security features in school buildings and on school campuses, including but not limited to video surveillance, emergency notification systems, and physical access controls.

Plan Overview – SSBA Eligible Costs by Category



School Connectivity	Community Connectivity	Classroom Learning Technology	PreKindergarten Classrooms	Transportable Classrooms	High-Tech Security
Network/Access Costs <i>Indoor access points</i> <i>Controllers</i> <i>Switches</i> <i>Servers</i> <i>Routers/gateway appliances</i> <i>Firewalls/security appliances</i> <i>Power supply, backup & batteries</i> <i>Antennas</i> <i>Cooling appliances</i> <i>Hardware extended warranties</i> <i>Licenses/software</i>	Network/Access Costs Indoor access points Controllers Switches Servers Routers/gateway appliances Firewalls/security appliances Power supply, backup & batteries Antennas Cooling appliances Hardware extended warranties Licenses/software	Interactive Whiteboards <i>Interactive Whiteboards</i> <i>Mounting equipment & stands</i> Computer Servers <i>Computer Servers</i> Desktop Computers <i>Desktop Computers</i> Laptop Computers <i>Laptop Computers</i> <i>Chromebooks</i> Tablet Computers <i>Tablet Computers</i>	Construct Classrooms General Trades Plumbing HVAC Electric Furniture Enhance/Modernize Facilities General Trades Plumbing HVAC Electric Furniture	Construct New Space General Trades Plumbing HVAC Electric Furniture Demolition/Removal Enhance/Modernize Existing Space General Trades Plumbing HVAC Electric Furniture Demolition/Removal Other Costs Project incidentals Architect, engineer, consultant fees Contingencies Fees Other	Capital-Intensive Security Project Ceiling/floor/wall materials Door/window materials Ceiling/floor/wall removal & installation Door/window removal & installation Electrical materials, components Electric installation HVAC system HVAC system installation Electronic Security System Surveillance cameras DVRs, NVRs, video controllers, servers, & storage equipment VoIP telephones IP public address microphones & speakers Cabling & wiring Software & licenses for surveillance equipment Installation of surveillance equipment Hardware extended warranties Entry Control System Card readers & cards Visitor sign-in & badging systems Video intercoms Access control/door accessories Headend equipment, servers, storage appliances Lockdown and panic buttons Software & licenses for entry control equipment Installation of entry control equipment Hardware extended warranties Approved Door Hardening Door or window replacement Door or window accessories & hardware Window glass security film Reducing size of door or window Window bars/grills Other Costs Project incidentals Architect fees Contingencies Clerk of the work fees Bond fees Insurance fees Other
Internal Components and Connections <i>Modules & components</i> Cabling/fiber <i>Appliance and network configuration</i> <i>Cooling components</i> <i>Hardware extended warranties</i>	Outside Plant Costs Cabling/fiber Conduit systems Poles Outdoor access points Hardware extended warranties	Other Costs <i>Carts and cabinets- charging & storage</i> <i>Printers (non-3D)</i> <i>3D printers & laser engravers</i> <i>Cameras</i> <i>Projectors</i> <i>Storage devices</i> <i>Robotics</i> <i>Machinery</i> <i>Licenses/software</i> <i>Hardware extended warranties</i> <i>Mice, headphones & keyboards</i> <i>Cables & connectors</i> <i>Other</i>	Other Costs Project incidentals Architect, engineer, consultant fees Contingencies Fees Other	Other Costs Project incidentals Demolition/Removal Other Costs Project incidentals Architect fees Contingencies Fees Other	Electronic Security System Surveillance cameras DVRs, NVRs, video controllers, servers, & storage equipment VoIP telephones IP public address microphones & speakers Cabling & wiring Software & licenses for surveillance equipment Installation of surveillance equipment Hardware extended warranties Entry Control System Card readers & cards Visitor sign-in & badging systems Video intercoms Access control/door accessories Headend equipment, servers, storage appliances Lockdown and panic buttons Software & licenses for entry control equipment Installation of entry control equipment Hardware extended warranties Approved Door Hardening Door or window replacement Door or window accessories & hardware Window glass security film Reducing size of door or window Window bars/grills Other Costs Project incidentals Architect fees Contingencies Clerk of the work fees Bond fees Insurance fees Other
Outside Plant Costs Cabling/fiber Conduit systems Poles <i>Outdoor access points</i> <i>Hardware extended warranties</i>	Tower Costs Tower Costs Customer Premises Equipment Modems Set-up boxes Routers Desktop Computers Laptop Computers Tablet Computers	<p>NOTE: School Connectivity Items that fall under the new policy of including certain loanable devices for nonpublic schools should be entered in the sub-subcategories that are highlighted in red. These are also the items nonpublic schools can request under their loan amount, in addition to all of the eligible Classroom Learning Technology items. As before, all of the public school expenditures under Classroom Learning Technology will be counted towards the total nonpublic loan calculation. If you need assistance, please contact us at Smartschools@nysed.gov.</p> <p>Newly eligible items under School Connectivity include, but are not limited to:</p> <ul style="list-style-type: none"> • Computer Servers • Storage devices • Routers/Gateway Appliances • Firewalls/Security devices • Switches • Wireless Access Points and Attached Antennae • Controllers • Modules • Transceivers • Power supply devices • Connector cables (patch cables or cords,) terminals and power cords purchased specifically for an SSBA device included in the current application. 	Other Costs Project incidentals Demolition/Removal Other Costs Project incidentals Architect fees Contingencies Fees Other	Other Costs Project incidentals Architect fees Contingencies Clerk of the work fees Bond fees Insurance fees Other	
Testing Testing	Professional Services Professional Services Testing Testing		Professional Services Architect & engineer fees Consultant fees Other	Professional Services Architect & engineer fees Consultant fees Other	Professional Services Architect & engineer fees Consultant fees Other
Other Upfront Costs Other Upfront Costs	Other Upfront Costs Other Upfront Costs		Other Upfront Costs Other Upfront Costs	Other Upfront Costs Other Upfront Costs	Other Upfront Costs Other Upfront Costs
Other Costs Project incidentals Contingencies Fees Other	Other Costs Project incidentals Architect, engineer, consultant fees Contingencies Clerk of the work fees Bond fees Insurance fees Other		Other Costs Project incidentals Architect, engineer, consultant fees Contingencies Clerk of the work fees Bond fees Insurance fees Other	Other Costs Project incidentals Architect, engineer, consultant fees Contingencies Clerk of the work fees Bond fees Insurance fees Other	Other Costs Project incidentals Architect, engineer, consultant fees Contingencies Clerk of the work fees Bond fees Insurance fees Other

Plan Overview – Key Planning Considerations



- Administration consulted with the district’s architectural and engineering firms to establish possible priorities in the approved categories
- Consideration was given to:
 - The Forestville CSD Security Plan
 - The Forestville CSD Building Condition Survey
- Key planning questions were established based on the Vision and Goals of the District’s Security Plan:
 - How will students in Forestville benefit from the completed project?
 - How will the project fit within our current District Security Plan?
 - Will our project solve current security challenges and future needs?

Plan Overview – Key Planning Considerations



- Security priorities that fit within allowable funding options were established. Priorities were shared with stakeholders for feedback throughout the planning process
- Proposed spending recommendations were developed
- Board of Education is looking to adopt the District's Preliminary SSIP on November 3, 2022 and the plan will be posted on the district's website for public comment.
- A public hearing is scheduled for December, 2022 to enable stakeholders to respond to the Preliminary Plan.

Community And Parent Connection



- A secure facility benefits all students, staff and community members. The Technology Committee comprised of various stakeholders provided input toward the proposed security purchases and upgrades. Through these security measures our facility will be more protected. The security upgrades will reduce the visual sightlines, will decrease the probability of a forced entry into a classroom and provide greater safety.
- Forestville has already implemented several safety measures. The new security upgrades will work to enhance the existing measures

Items For Purchase With SSBA Funds



- **Capital Intensive Security Project**
 - Door/Window Materials
 - Door/Window Removal & Installation
 - Electrical Materials, Components
 - Electric Installation
- **Entry Control System**
 - Card Readers & Cards
 - Visitor Sign-In & Badging Systems
 - Video Intercoms
 - Access Control/Door Accessories
 - Headend Equipment, Servers, Storage Appliances
 - Lockdown And Panic Buttons
 - Software & Licenses For Entry Control Equipment
 - Installation Of Entry Control Equipment
 - Hardware Extended Warranties
- **Approved Door Hardening**
 - Door Or Window Replacement
 - Door Or Window Accessories & Hardware

Budget Middle School – Door Specialties \$85,250



FORESTVILLE HARDENING PRICE BREAKOUT



Middle High School - Door Specialties

SSBA			
Door Number	Scope Description	Material	Labor
105	Provide and install new hardware hinges, closer and lock	\$350.00	\$1,000.00
104	Purchase and install closer	\$150.00	\$400.00
106	Purchase and install two rim devices	\$3,200.00	\$1,000.00
106A	Install door lever at 106A door		\$100.00
107 Stage	Install door lever at 107 stage door		\$50.00
107A	Install both the door levers at 107A door		\$100.00
107B	Install both the door levers at 107B door		\$100.00
107 E	Install both the door levers, wall magnet and relocate closer at 107E door		\$600.00
107F	Install both the door levers, wall magnet and relocate closer at 107E door		\$600.00
115A	Install both the door levers at 115A door		\$100.00
115B	Install both the door levers at 115B door		\$100.00
115C	Install both the door levers at 115C door		\$100.00
115D	Install both the door levers at 115D door		\$100.00
Coor 14	Install both the door levers at Coor 14 door		\$100.00
134	Install door lever at 134 door		\$50.00
118	Install door lever at 118 door		\$50.00
112	Install door lever at 112 door		\$50.00
16	Install door lever at 16 door		\$50.00
114	Install door lever at 114 door		\$50.00
145	Purchase closer and install the door	\$150.00	\$600.00
GYM 1	Purchase and install HM pair of doors with closers and 2 Rim devices for Exit only	\$4,800.00	\$1,200.00
Gym 2	Purchase and install HM pair of doors with closers and 2 Rim devices for Exit only	\$4,800.00	\$1,200.00
Gym 3	Purchase and install Hollow Metal pair of doors with lite kits, closers, and 2 Rim devices on Right Hand Reverse. For Left hand reverse provide intruder for Exit only and Wall magnet	\$5,700.00	\$1,500.00
Gym 4	Purchase and install Hollow Metal pair of doors with lite kits, closers, and 2 Rim devices on Right Hand Reverse. For Left hand reverse provide intruder for Exit only and Wall magnet	\$5,700.00	\$1,500.00
145	Purchase closer and install the door	\$150.00	\$600.00

SSBA			
Door Number	Scope Description	Material	Labor
113	Purchase closer and install the door	\$150.00	\$400.00
160E			\$300.00
111	Install Door Lever at door 111		\$50.00
Ent 6	Purchase and install HM pair exterior doors with lite kit, combination of 2 Rims and mullion with HES 9600 strike	\$5,000.00	\$1,200.00
Misc. storage rooms X 3	Install Door Lever at storage room door		\$150.00
211	Install Door Lever and closer at door 211		\$200.00
210	Install Door Lever and closer at door 210		\$200.00
209	Install Door Lever and closer at door 209		\$200.00
208	Install Door Lever and closer at door 208		\$200.00
207	Install Door Lever and closer at door 207		\$200.00
206	Install Door Lever and closer at door 206		\$200.00
C42	Purchase and Install both side surface vertical lock with Less bottom rod on left hand reverse, exit only*	\$3,500.00	\$800.00
Stair S1 2nd	Purchase and Install both side surface vertical lock with Less bottom rod on left hand reverse, exit only*	\$3,500.00	\$800.00
205	Install Door Lever at door 205		\$50.00
209A	Purchase and install closer	\$150.00	\$400.00
209B	Purchase and install closer	\$150.00	\$400.00
201	Install door lever at door 201		\$50.00
Stair 2 2nd	Purchase and Install both side surface vertical lock with Less bottom rod on left hand reverse, exit only*	\$3,500.00	\$800.00
301	Purchase and install closer	\$150.00	\$400.00
Stair 2 3rd	Purchase and Install both side surface vertical lock LBR on left hand reverse and RHR	\$3,500.00	\$800.00
309	Purchase and install closer	\$150.00	\$400.00
Stair 1 3rd	Purchase and Install both side surface vertical lock with Less bottom rod on left hand reverse, exit only*	\$3,500.00	\$800.00
3rd stair coor C301	Purchase and Install both side surface vertical lock with Less bottom rod on left hand reverse, exit only*	\$3,500.00	\$800.00
310	Purchase and install closer	\$150.00	\$400.00
311	Purchase and install closer	\$150.00	\$400.00
312 Mort lock	Purchase and install closer	\$150.00	\$400.00
314	Purchase and install closer	\$150.00	\$400.00
313	Purchase and install closer	\$150.00	\$400.00
Stair 3 3rd	Purchase and Install both side surface vertical lock with Less bottom rod on left hand reverse, exit only*	\$3,500.00	\$800.00
Stair 3 1st	Purchase and Install both side surface vertical lock with Less bottom rod on left hand reverse, exit only*	\$3,500.00	\$800.00
Stair 2 1st	Install ETL passage		\$500.00
100	Install Door Lever at door 100		\$50.00
office	Install Door Lever at office door		\$100.00
office	Install Door Lever at office door		\$100.00
office	Install Door Lever at office door		\$100.00
office	Install Door Lever at office door		\$100.00
		\$59,500.00	\$25,750.00
SSBA TOTAL		\$85,250.00	

Budget Elementary School – Door Specialties \$30,710



FORESTVILLE HARDENING PRICE BREAKOUT



Elementary School - Door Specialties

Overall scope	SSBA		
Door Number	Scope Description	Material	Labor
17A	Provide and install door with best core	\$40.00	\$210.00
17E	Provide and install door with best core	\$40.00	\$210.00
3	Provide and install door with best core	\$40.00	\$210.00
1	Provide and install door with best core	\$40.00	\$210.00
40A	Provide and install door with best core	\$40.00	\$210.00
40	Provide and install door with best core	\$40.00	\$210.00
20	Provide and install door with best core	\$40.00	\$210.00
1C	Provide and install door with best core	\$40.00	\$210.00
12	Purchase and Install best core	\$40.00	\$210.00
13	Purchase and Install best core	\$40.00	\$210.00
10	Purchase and Install best core	\$40.00	\$210.00
11	Purchase and Install best core	\$40.00	\$210.00
8	Purchase and Install best core	\$40.00	\$210.00
9	Purchase and Install best core	\$40.00	\$210.00
6	Purchase and Install best core	\$40.00	\$210.00
7	Purchase and Install best core	\$40.00	\$210.00
5	Purchase and Install best core	\$40.00	\$210.00
22	Purchase and Install best core	\$40.00	\$210.00
22A	Purchase and Install best core	\$40.00	\$210.00
24	Purchase and Install best core	\$40.00	\$210.00
25	Purchase and Install best core	\$40.00	\$210.00
26	Purchase and Install best core	\$40.00	\$210.00

Overall scope	SSBA		
Door Number	Scope Description	Material	Labor
27	Purchase and Install best core	\$40.00	\$210.00
28	Purchase and Install best core	\$40.00	\$210.00
29	Purchase and Install best core	\$40.00	\$210.00
30	Purchase and Install best core	\$40.00	\$210.00
31	Purchase and Install best core	\$40.00	\$210.00
32	Purchase and Install best core	\$40.00	\$210.00
33	Purchase and Install best core	\$40.00	\$210.00
34	Purchase and Install best core	\$40.00	\$210.00
RRW	Purchase and Install best core	\$40.00	\$210.00
14	Purchase and Install best core	\$40.00	\$210.00
15	Purchase and Install best core	\$40.00	\$210.00
36	Purchase and Install best core	\$40.00	\$210.00
42	Purchase and Install best core	\$40.00	\$210.00
40A	Purchase and Install best core	\$40.00	\$210.00
39	Purchase and Install best core	\$40.00	\$210.00
41	Purchase and Install best core	\$40.00	\$210.00
44	Purchase and Install best core	\$40.00	\$210.00
1B	Purchase and Install best core	\$40.00	\$210.00
1BA	Purchase and Install best core	\$40.00	\$210.00
Café new wall	Purchase and Install Wood doors with window lite glass and exit device hardware. Purchase and Install Intruder trim on one side with exit only device hardware and new core.	\$3,540.00	\$1,500.00
Gym 17B	Purchase and Install Wood doors with window lite glass and exit device hardware. Purchase and Install Intruder trim on one side with exit only device hardware and new core.	\$3,540.00	\$1,500.00
Gym 17D	Purchase and Install Wood doors with window lite glass and exit device hardware. Purchase and Install Intruder trim on one side with exit only device hardware and new core.	\$3,540.00	\$1,500.00
Gym 17C	Purchase and Install Wood doors with window lite glass and new Exit device hardware with plate trim and lock	\$3,840.00	\$1,500.00
		\$16,100.00	\$14,610.00
	SSBA TOTAL	\$30,710.00	

Budget - Day Automation \$242,453



FORESTVILLE HARDENING PRICE BREAKOUT



Elementary School - Day Automation

Category	Scope	Quantity	Unit Cost	Total Cost
Entry Control System	Door Sensor(s) only	4	\$ 1,200.00	\$ 4,800.00
Entry Control System	Access Control/Electronic Lock(s)	2	\$ 10,100.00	\$ 20,200.00
Entry Control System	Lockdown/Blue Light System	1	\$ 52,575.00	\$ 52,575.00
TOTALS				\$ 77,575.00

Middle High School - Day Automation

Category	Scope	Quantity	Unit Cost	Total Cost
Entry Control System	Door Sensor(s) only	10	\$ 1,050.00	\$ 10,500.00
Entry Control System	Access Control/Electronic Lock(s)	8	\$ 8,375.00	\$ 67,000.00
Entry Control System	Lockdown/Blue Light System	1	\$ 73,750.00	\$ 73,750.00
TOTALS				\$ 151,250.00

Bus Garage - Day Automation

Category	Scope	Quantity	Unit Cost	Total Cost
Entry Control System	Access Control/Electronic Lock(s)	2	\$ 6,814.00	\$ 13,628.00
TOTALS				\$ 13,628.00





FORESTVILLE HARDENING PRICE BREAKOUT



Budget Summary

Building	Door Specialties	Day Automation
Middle School, High School	\$ 85,250.00	\$ 151,250.00
Elementary School	\$ 30,710.00	\$ 77,575.00
Bus Garage		\$ 13,628.00
TOTAL	\$ 115,960.00	\$ 242,453.00
	TOTAL SSBA	\$ 358,413.00

Questions?

