

SAUGERTIES CENTRAL SCHOOL DISTRICT

SMART SCHOOLS BOND ACT

PRELIMINARY PLAN – OCTOBER 11, 2016

PLAN OVERVIEW

In January 2014, Governor Andrew M. Cuomo called for New York State to invest \$2 billion in its schools through a Smart Schools Bond Act (SSBA). Voters approved the Smart Schools Bond Act in November 2014 and as a result the Saugerties Central School District (Saugerties CSD) will receive **\$1,966,367**. In alignment with our NYSED approved Saugerties CSD 2015-2018 Instructional Technology Plan, the Saugerties Preliminary Smart Schools Investment Plan being presented at this time will be prioritizing investment in the following:

- Modernize and expand the Saugerties CSD network infrastructure
- Upgrade and expand the Saugerties CSD wireless network capacity
- Upgrading and modernizing District Security, Voice Over Internet Protocol Phones, Surveillance Systems, Building Security Systems, Notification Systems

PRECONDITIONS

As a precondition to utilizing the SSBA funds, the District must have access to adequate Internet Bandwidth for our student use. The District is planning accordingly to increase our Bandwidth to meet these requirements as we move forward with our Plan's upgrades and implementation.

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 (NYSED). The Saugerties CSD submitted its required Instructional Technology Plan survey and the plan was approved in August 2016.

SMART SCHOOL BOND ACT REIMBURSEMENT

SSBA Funds are to be accounted for in the Capital Fund and need to be distinguished from other Capital Fund budget codes.

Submissions for reimbursements are on the SED Business Portal.

We can submit multiple claims until we have reached our approved budget. There is no time limit on when the funds need to be expended.

APPROVAL PROCESS AFTER PREREQUISITES ARE MET

1. This preliminary plan, if approved tonight, is placed before the Board of Education and is posted on the District Website for 30 days.
2. The public can comment on the plan.
3. The Board of Education conducts a hearing that will enable stakeholders to respond to the proposed plan. This hearing may occur as part of a normal Board of Education meeting on November 8.
4. The final plan is voted on by the Board of Education and if approved is posted on the District website.
5. The District submits the Smart School Investment Plan through the NYSED Business Portal.

SMART SCHOOLS INVESTMENT PLAN

The plan being presented tonight is only for Cahill Elementary School, Grant D. Morse Elementary School, and the Jr./Sr. High School.

School Connectivity

The Saugerties CSD intends to use Smart Schools Bond Act funds for high-speed broadband and/or wireless connectivity to assist our students and teachers/staff in accessing online resources and for using cloud storage such as Google Classroom so that students can access and share documents wherever they are working from. Wireless connectivity will give teachers/staff the ability to work anywhere in the buildings with small groups of students, such as those with IEPs and English Language Learners without having to be connected to desktop computers and labs. Students can use hand held tablets to access their work and resources. In addition, the Saugerties CSD will need the wireless connectivity to be prepared for on-line student testing.

The Saugerties CSD Smart Schools Investment Plan goals align with the District's 2015-2018 Technology Plan for Curriculum and Instruction that includes:

- a. Continue to build our technology infrastructure to enable the District to increase technology and have equitable access for all students, teachers, and administrators and prepare the district for future advances in technology.
- b. Embedding technology into the delivery of instruction and continue to provide equitable access to technology tools to prepare all learners to be college and career ready.
- c. Integrate technology effectively across all curriculum areas of instruction in order to:
 - improve student academic achievement.
 - prepare students to utilize multiple types of technology.
 - promote technology as an alternative to traditional methods of gathering, organizing and synthesizing information.
 - assist all students with special needs.
 - ensure the equitable distribution and access to technological equipment and materials for all students.
 - create opportunities for distance learning.

PURCHASE ALLOCATION OF FUNDS FOR SCHOOL INFRASTRUCTURE AND

CONNECTIVITY IS: \$412,711.27

INCLUDES:

- Switches to support Wireless, VOIP and Camera Networks
- Wireless Access Points and Controllers
- Environmental Controls (Climate Control for Equipment)
- Battery Backup Systems, Servers, and Management Tools

High-Tech Security Features

The Saugerties CSD intends to use Smart School Bond Act funds to improve student, teacher and community safety in our buildings.

The Saugerties CSD Smart Schools Investment Plan goals align with the District's 2015-2018 Technology Plan for Security that includes:

- The District would be adding digital surveillance cameras to both the interior and exterior of each building to ensure that the safety of all members of the school community can be monitored.
- The District would like to increase the number of electronic door swipes for exterior doors that will integrate with our entry control system. This

will ensure that entry points to our buildings are secured and the District will be aware of those individuals entering our buildings specifically during times when students are present.

- Installing a VoIP (Voice over Internet Protocol) Phone System. We will be targeting multiple areas including classrooms, offices, and building access points and integrating devices with our emergency communication systems to improve student, teacher, and community safety.

PURCHASE ALLOCATION OF FUNDS FOR HI-TECH SECURITY RESOURCES IS:

\$605,709.38

INCLUDES:

Surveillance Cameras:

- Inside and Outside of Buildings
- Ability to Set Retention Time Period
- Infrared Lights on Outside Cameras

Entry Control System

- All Doors Locked – Access Only From a Staff Badge or Door Monitor During School Hours

VoIP Includes Phone System and the Ability for:

- Emergency 911 Monitoring
- Public Announcement Emergency Paging from Any Phone
- Single Button Emergency Services
- Call Recording
- Controlling Door Access to Buildings
- Video Images Outside of Building Doors

TOTAL AMOUNT FOR THIS PRELIMINARY PLAN IS: \$1,018,420.65