



## Preliminary Smart Schools Investment Plan

April 15, 2019

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### **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 School Bond Act in November 2014 and as a result the Mechanicville City School District is allocated to receive \$884,252. In alignment with current construction and technology planning, this Investment Plan is designed to increase security at all schools through the installation of Panic Alarms, Intercom Systems, Surveillance Cameras, IP Telephones and Network Equipment.

The plan was developed based on planning and input from the Building Project Planning Committee, which is comprised of District Administrators, Teachers, Students, Parents and Community Members and the goals of the Instructional Technology Plan.

### **PURCHASE PLAN & ALLOCATION OF FUNDS**

In alignment with the Mechanicville City School District Instructional Technology Plan and the security needs identified by the Building Project Planning Committee, the District proposes the use of the Smart Schools Bond Act fund to purchase the items described in [Table 1](#) for the SSBA allowable expenditure Budget Category areas.

**Table 1: SSBA Allowable Expenditures**

**SSBA Allocation: \$884,252 by Budget Category**

<b>SSBA Budget Category</b>	<b>Allocations</b>
School Connectivity	\$383,100
Connectivity Projects for Communities	\$0
Classroom Technology	\$0
Pre-Kindergarten Classrooms	\$0
Replace Transportable Classrooms	\$0
High Tech Security Features	\$501,152
<b>Totals:</b>	<b>\$884,252</b>

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The following information below summarizes the SSBA Budget Category in Table 1 for **School Connectivity**.

- Update Network Hardware  
 All network hardware will be updated to provide capacity for wireless access points and security related devices at an improved speed and reliability.
  
- Update Wireless Access for all schools  
 All schools will receive updated wireless controllers and access points to improve coverage and increase the capacity, allowing more devices to be connected to the wireless network.
  
- Battery Backup  
 All network equipment closets will receive battery backup hardware to maintain network connectivity during a power outage and to protect equipment from power surges.

Table 2. SSBA Funds Sub-Allocation Category: School Connectivity

<b>SSBA Connectivity Projects for Schools</b>	<b>Sub-Allocation</b>
Network / Access Costs	\$191,826
Outside Plant Costs	\$0
School Internal Connections and Components	\$27,295
Professional Services	\$163,979
Testing	\$0
Other Upfront Costs	\$0
Other Costs	\$0
<b>TOTALS</b>	<b>\$383,100</b>

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The following information below summarizes the SSBA Budget Category in Table 1 for **High-Tech Security Features**

- Cameras  
 Surveillance cameras will be placed at identified locations in and around the schools. Recording equipment and installation is included in this cost.
- Video Door Intercoms  
 Video Intercoms will be installed at school entrances allowing visitors to be greeted and state their business at the school before the door is unlocked.
- Panic Alarm Systems  
 Panic alarm buttons and pull stations will be installed at identified locations in and around the schools.
- VoIP Telephone System  
 Voice Gateways, Servers and Telephones will be installed in identified locations throughout the schools to support communications in the event of an emergency.
- IP PA System  
 IP Based PA Speakers, Server and software will be installed throughout the schools.

Table 4. SSBA Funds Sub-Allocation Category: High-Tech Security Features

<b>SSBA High-Tech Security Features</b>	<b>Sub-Allocation</b>
Capital-Intensive Security Project (Standard Review)	\$0
Electronic Security System <ul style="list-style-type: none"> <li>- Surveillance Cameras, accessories and installation</li> <li>- IP Speakers</li> <li>- IP Phones</li> </ul>	\$481,806
Entry Control System <ul style="list-style-type: none"> <li>- Panic Alarm System</li> <li>- Video Door Intercoms</li> </ul>	\$19,346
Approved Door Hardening Project	\$0
Other Costs	\$0
<b>Totals:</b>	<b>\$501,152</b>

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### **REFERENCES:**

- [Mechanicville City School District Capital Project Plan](#)
- [New York State Smart Schools Bond Website](#)
- [New York State Smart Schools District Allocations](#)

This document has been posted to the District's website as required by the Smart School Bond Implementation Guidance by the New York State Education Department in order to invite public input prior to the adoption of this plan by the Mechanicville City School District Board of Education. Public input can be submitted to [ssba@mechanicville.org](mailto:ssba@mechanicville.org)