Gilbertsville-Mount Upton Central School

Smart Schools Investment Plan

Gilbertsville-Mount Upton was given an allocation of $548,407 through the Smart Schools Bond Act. This Bond Act was approved by NYS voters last November. The Bond Act provides funding for school improvement in up to six major categories. The categories of improvement covered through the Bond Act funds include: school connectivity, community connectivity, classroom learning technology, pre-kindergarten classrooms, replacement of transportable classrooms, and high-tech security. Our Capital Project Steering Committee determined that Gilbertsville-Mount Upton Pk-12 building would benefit most by using the funds to make improvements in the areas of high tech security features and school connectivity.

**High-Tech Security Features**

* Replace door locksets
  + Doors to have intruder function locksets for improved security. This would include classroom, corridor, and exterior doors. This would allow staff members to secure their rooms without exposing themselves to security risks in the event of a lockdown.
* Exterior Door Access Control
  + Provide key fob readers at entrance doors and receiving door along with associated hardware replacement. This would allow for secured entrance into our building at all times.
* Main Entrance Vestibule
  + Build secure vestibule at main entrance by adding an exterior set of doors. This would allow for all visitors to enter a secure area while staff assesses their need for entrance. If entrance is needed, they would be “buzzed in” through a controlled set of doors.
* Gym Entrance Vestibule
  + Build secure vestibule at Gym entrance by adding an interior set of doors, security camera, and entry control system. Entry would be controlled from the security office at the main entrance.
* Installation of security film to exterior windows
  + To improve upon the security of ground-level windows by reducing the ability of an intruder to gain entry.

**School Connectivity**

* Replace original network wiring with new, higher speed and capacity wiring.
  + As of the 2015-16 school year, the current network wiring in the building is 21 years old and will not be sufficient to accommodate expected future requirements for Power Over Ethernet or bandwidth to the wireless access points, security cameras, and computing devices within the building.
* Replace wireless access points and wireless network controller with new higher speed access points.
  + The upgrade of this equipment will ensure that students and staff are able to access curriculum and instructional materials without delay or failure of the network infrastructure.
* Replace network switches at end-of- life with new switches.
  + The replacement of this equipment will ensure that the network infrastructure can continue to support the network traffic loads placed upon it by students and staff members for educational content.

**Estimated Project Costs**

* Replace door locksets: $133,000
* Exterior Door Access Control: $23,000
* Main Entrance Vestibule: $80,000
* Gym Entrance Vestibule: $28,000
* Installation of security film to exterior windows: $11,000

**Total, High-Tech Security Features $275,000**

* Network wiring replacement: $132,000
* Wireless network equipment replacement $80,000
* Network switch replacement: $61,407

**Total, School Connectivity $273,407**

**Estimated Project Grand Total $548,407**

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