

PRELIMINARY

SMART SCHOOLS INVESTMENT PLAN

Rockville Centre Union Free School District

March 2017 (Posted on website 3/22/17)

Total District Allocation: \$941,980

Allocation Request for this plan: \$407,132

Allocation Remaining: \$534,848

Smart Schools Bond Act Overview:

The Smart Schools Bond Act of 2014 was passed in the 2014-15 Enacted New York State Budget and approved by the voters in a statewide referendum held during the 2014 General Election on Tuesday, November 4, 2014. The Smart Schools Bond Act (SSBA) authorized the issuance of \$2 billion of general obligation bonds to finance improved educational technology and infrastructure to improve learning and opportunity for students throughout the State.

SSBA funds may be used for one or more of the following capital projects:

1. Install high-speed broadband or wireless internet connectivity
2. Acquire learning technology equipment or facilities
3. Construct Pre-Kindergarten facilities and/or replace classroom trailers
4. Install high-tech security features in school buildings

The following investment plan for the Rockville Centre Schools is in alignment with the District's goals and technological needs for the coming years. The specific area of focus for the District will be under the SSBA category of installing high-tech security features in school buildings.

Please direct any comments on this plan to Robert Bartels at rbartels@rvcschools.org or
128 Shepherd Street
Rockville Centre, New York 11570

Plan Development:

This preliminary Smart Schools Investment Plan has been developed over the course of the past year through discussions with District administrators, technology staff, Board of Education and community members. An overview of the SSBA and the spending possibilities is being presented to the Board of Education and the district stakeholders at the March 22, 2017 Board of Education meeting. Upon its approval, this plan will be posted on the District website for 30 days, during which time the community members can provide the District with any pertinent feedback. After this time, a finalized Smart Schools Investment Plan will be submitted to the New York State Education Department and will be posted on the District website. The planning process for this investment plan will include consultation with parents, teachers, students, community members and any Non-public schools located in the District, if applicable.

Plan Summary:

High-Tech Security Features

New Servers for existing security camera data processing/storage	\$110,000
Building access control conversion and additions	\$160,000
Technology firewall for security system	\$ 25,000
Video intercoms for all school buildings	\$ 58,439
License Plate reader for the High School	\$ 16,681
Legal, Architectural, Engineering Fees	<u>\$ 37,012</u>
Total Plan Request	\$407,132

Rationale:

Security continues to be a prime concern with students, parents, teachers and administrative staff throughout the District. The District is always looking for ways to improve the security in each of the school buildings. This investment plan will allow the District to add and upgrade critical security features in all of our buildings to maintain and improve the safety and security of all of our students, staff and parents.

New Servers - Security camera technology has been added over the years and is now over working the servers used to process and store the data from the cameras. Frame rates during video replays have slowed down and it is easy to miss something on the video. The history of how long recordings are maintained has been shortened and, on occasion, the recordings are stopped because the server is full and needs to be serviced by a technician. The District will purchase 10 new servers to replace existing servers which have outlived their useful lives due to the number of cameras that are now being utilized throughout the District. These servers will enhance the review of security footage as well as increase the length of time that videotape review will be available.

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Building Access Control – The District has implemented a card reader access system at various locations in each building to improve security by allowing doors to be locked at all times. The current system is over 10 years old, utilizes older technology and is subject to breaking down at critical times. The District will replace the building access controls in all of our school buildings to provide the latest technology and minimize the time when the doors are unsecured. This will increase the functionality of these card readers so that all buildings will be able to rely on this technology to keep their buildings secure.

Technology Firewall – With the addition of all the cameras throughout the District, there is a technological concern about keeping the video footage secure from hackers. Even though the District is not aware of any attempts to break into our system, this addition will ensure it is secure. The District will add a firewall to the security system to prevent unauthorized access to these servers.

Video Intercoms – Currently, the District is using standard ceiling-mounted security cameras with buzzers to open doors for guests and visitors. However, there is no reliable way to focus on the face of the visitor to authenticate their identity. The District would implement a coordinated video intercom in all school buildings. This would provide each building the ability to see and converse with each visitor before allowing them into the building. This added means of security will allow staff a better opportunity to evaluate visitors to the building for security concerns prior to their entry into the building.

License Plate Reader – At the High School, there is a constant flow of traffic across campus of not only students and school personnel but, because of how the campus is situated, local residents, village workers and local community business (landscapers, utility trucks, etc.) also traverse the campus roads. There have been a number of instances where the District needed to determine the owner of a vehicle to address a security concern. The District intends to install a license plate reader at the High School which will identify the owners of all vehicles that enter the campus so that security issues can be quickly investigated and address. This will increase the overall security on the High School campus.

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