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## Smart Schools Bond Act of 2014

### Preliminary Investment Plan

#### **PUBLIC HEARING ON SMART SCHOOLS BOND FUNDING**

A public hearing for Smart Schools Bond Funding was held on the  
Back to School Parent Night - September 27, 2018  
at 1156 N Broadway , Yonkers NY - The Orchard School

**We encourage our community to submit written comments on the Orchard  
School Preliminary Proposed Plan, please email:**

**[smartbond@jdam.org](mailto:smartbond@jdam.org)**

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## **I. INTRODUCTION**

As part of the Smart Schools Bond Act, the Orchard School was allocated a total of \$41,701. “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) that will build out schools and classrooms for the 21st Century to ensure that our students graduate with the skills they need to thrive in the economy of today and tomorrow. Voters approved the Bond Act in November 2014.” <http://programs.governor.ny.gov/smart-schools-ny>

The Orchard School will follow on the guidance from NYSED fulfilling each one of the following steps prior to certifying and submitting its Smart Schools Investment Plan:

- The preliminary plan has been posted on the district website for at least 30 days. The district has provided an electronic and physical address to which any written comments on the plan should be sent.
- The school board will conduct a public hearing that will enable stakeholders to respond to the preliminary plan. This hearing will occur as part of the Scheduled Board meeting, but adequate notice of the public meeting has been provided through local media and the district website for at least two weeks prior to the meeting.
- The district has prepared a final plan for school board approval.
- The final proposed plan will be certified and submitted to NYSED for review and will be posted on the district website.

## **II. PRECONDITIONS**

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 Orchard School submitted their required Instructional Technology Plan Survey to NYSED and was approved in December 2015.

As established by the Smart Schools Bond Act Guidance a precondition to utilizing the SSBA funds requires that the District must ensure adequate Internet bandwidth to further expand wireless connectivity for classrooms and additional technology devices for classrooms. The minimum adequate Internet bandwidth is 100Mbps per 1,000 students to support the inclusion of additional learning technology devices for the classroom.

### III. PLAN GOALS

The goal of the Smart Schools Bond Act is to increase use of and access to educational technology to improve learning and opportunity for students. The Orchard School will use allocations from the Smart School Bond funding to the following to School Connectivity and Classroom Learning Technology Categories. The school community stakeholders met to discuss options for allocating our Smart Schools Bond Act award from New York State. The categories identified were School Connectivity and Classroom Technology:

School Connectivity category will cover the replacement of and or upgrades to:

- Wifi Access Points
- Switches
- Infrastructure Wiring
- Broadband

Classroom Technology category will cover the replacement of and or upgrades to:

- Smartboards
- Chromebooks /Wireless Devices

### IV. PURCHASE PLAN & ALLOCATION OF FUNDS

Budget Category	Sub Allocation
School Connectivity	\$ 31,034
Connectivity Projects for Communities	\$0
Classroom Technology	\$10,500
Prekindergarten Classrooms	\$0
Replacement of Classroom Trailers	\$0
Hi-Tech Security Features	\$0
Unallocated Funds	\$0
<b>TOTAL</b>	<b>\$41,701</b>

<b>School Connectivity</b>	<b>Sub Allocation</b>
Network/Access Costs	\$17,176
Outside Plant Costs	\$0
School Internal Connections and Components	\$13,858
Professional Services	\$0
Testing	\$0
Other Upfront Costs	\$0
Other Costs	\$0
<b>TOTAL</b>	<b>\$31,034</b>

**ITEMIZED LIST ( Use Quote information and group devices/items)**

Select the allowable expenditure type	Item to be purchased	Quantity	Cost per Item	Total Cost
Network/Access Costs	Network Switches	3	\$4284	\$12,852
Network/Access Costs	WiFi Access Points	5	\$409	\$2,045
Outside Plant Costs				\$0
Connections/Components	Replacement Internal Wiring	1	\$	\$13,858
Connections/Components				
Professional Services				\$0
Testing				\$0
Other Upfront Costs				\$0
Other Costs	Network Subscriptions	3	\$759.66	\$2,279

## ***Classroom Technology***

CLASSROOM LEARNING TECHNOLOGY	SUB-ALLOCATIONS
Interactive Whiteboards	\$5,684
Computer Servers	\$0
Desktop Computers	\$0
Laptop Computers	\$4,818
Tablet Computers	\$0
Other Costs	\$0
Totals	\$10,502

### ITEMIZED LIST (use Quote information and group devices/items)

Select the allowable expenditure type..	Item to be purchased	Quantity	Cost per Item	Total Cost
Interactive Whiteboards	Smartboards	1	\$5,684	\$5,684
Computer Servers	Server	0	\$0	\$0
Computer Servers	Server Blade	0	\$0	\$0
Desktop Computers	Classroom Computers	0	\$0	\$0
Laptop Computers	Non-Public Devices	0	\$0	\$0
Laptop Computers	Public School Devices	22	219	\$4818
Tablet Computers				\$0
Other Costs				\$0

## **V. SUSTAINABILITY**

In addition to the Orchard School Technology Refresh program in which the School budgets funds for device replacements, every four/five years, our district is committed to upgrading to new devices purchased through the Smart Schools Bond Act which will supplement the existing equipment replacement cycle already in place. In each of the next four years, funds will be budgeted for the normal repair costs as a percentage of the total cost of the devices.

After four years, the devices will be replaced and/or redeployed in order to ensure the equipment stays current and new technology is supported following on a staggered schedule as the devices reach their end of life status (EOL).

## **VI. INVESTMENT PLAN TIMELINE**

Once the Orchard School Smart Schools Bond Act Investment Plan is reviewed by the state education department and then approved by the Smart Schools Review Board, equipment will be purchased in alignment with the School's purchasing policies and budget cycles within the next four/five years. Once equipment arrives, the Technology Department Staff will prioritize inventory and provision of the equipment in accordance with our multi-year plan. Based on proposed quantities, equipment should be in place and operational within 60 days after it arrives.