



NEW YORK STATE SMART SCHOOLS BOND ACT

MEXICO ACADEMY AND CENTRAL SCHOOL DISTRICT

PRELIMINARY DISTRICT INVESTMENT PLAN

NEW YORK SMART SCHOOLS BOND ACT

- ❑ **GOVERNOR CUOMO AUTHORIZED THE SMART SCHOOLS BOND ACT (SSBA) IN THE 2014/15 NYS BUDGET.**
 - **A TOTAL OF \$2,000,000,000 WAS APPROPRIATED STATE-WIDE.**
 - **MACS ALLOCATION IS \$2,600,000 (BASED UPON STATE-AID ALLOCATIONS)**
 - ***FUNDS ARE PROVIDED AS REIMBURSEMENT***

NEW YORK SMART SCHOOLS BOND ACT

□ PROCEEDS FROM THE BOND ARE USED TO “IMPROVE LEARNING OPPORTUNITY FOR PUBLIC AND NONPUBLIC SCHOOL STUDENTS” BY FUNDING PROJECTS THAT:

- ACQUIRE LEARNING TECHNOLOGY (I.E. INFRASTRUCTURE, SERVERS, SWITCHES, PC, TABLETS, ETC.)**
- INSTALL HIGH-SPEED BROADBAND OR WIRELESS INTERNET CONNECTIVITY**
- CONSTRUCT, ENHANCE AND MODERNIZE EDUCATIONAL FACILITIES TO ACCOMMODATE PRE-K AND REPLACE PORTABLE CLASSROOMS**
- INSTALL HIGH-TECH SECURITY FEATURES**

ACCESSING SMART SCHOOLS BOND ACT (SSBA) FUNDS

- **REQUIREMENTS FOR ACCESSING DISTRICT SMART SCHOOLS ALLOCATION:**
 - A NYSED APPROVED TECHNOLOGY PLAN SURVEY. MACS PLAN APPROVED ON 10/23/15. POSTED ON THE TECHNOLOGY DEPARTMENT WEB PAGE.
 - CONDUCT STAKEHOLDER MEETINGS FOR CONSULTATION TOWARD DEVELOPMENT OF SPENDING PLANS - *THE DISTRICT TECHNOLOGY PLANNING COMMITTEE.*
 - PREPARATION OF PRELIMINARY INVESTMENT SPENDING PLAN(S)
 - *PHASE I - PLAN TO ADDRESS MACS INFRASTRUCTURE AND SECURITY NEEDS*
 - COMMUNITY FORUM(S) & BOE APPROVAL
 - *MEETING TO INFORM, HEAR INPUT AND RECEIVE BOE APPROVAL ON PHASE I PRELIMINARY INVESTMENT PLAN*

MACS - SSBA PRELIMINARY INVESTMENT PLAN

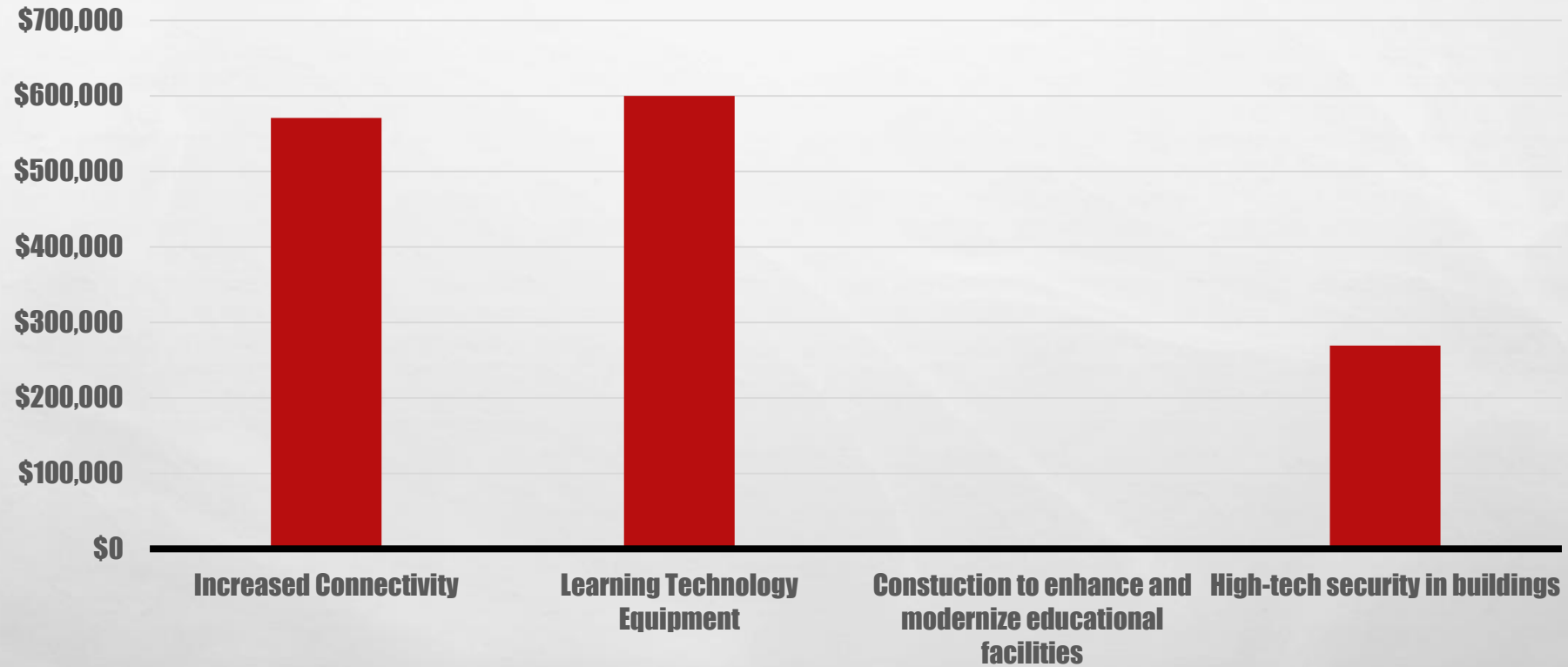
Equipment	Cost	Description
EQL SAN	\$45,229	Exchange requires more disk space than previous email system. Size and quantity of files being stored on network increasing. Additional systems planned for remote access require SAN storage.
Switches	\$170,591	Expect 80% from E-rate Category 2 funding . SSBA balance = 20%.
Inter-Building Fiber Optics	\$76,775	Increase connectivity between buildings from 1 GB to 10 GB . Expenditure after E-rate Category 1 funding . This project will see a total reduction of \$155K over 5 years with FiberTech as compared to our current expenditures with Time Warner.
Room Conditioning for Server Rooms w/ precision air	\$70,000	Upgrade all server rooms with new server racking, industry standard air conditioning, and humidity control systems.
Server Rm Security – PL, ME, & HS	\$10,000	Allows us to track access to sensitive server room areas as per District Regulations. This will also add additional physical security to our IT infrastructure which is currently the area most in need of improvement.
New Haven IDF Removal	\$17,363	Remove IDF and re-cable to MDF.
Network Drop Verification and intra-building fiber	\$42,701	District wide tone, testing and labeling of all network cabling.

MACS - SSBA PRELIMINARY INVESTMENT PLAN

Equipment	Cost	Description
1142 Access Point Upgrade	\$120,000	Upgrade current Cisco 1142 wireless access points to support wireless AC. Add additional coverage for MS Auditorium, HS, MS gyms, and HS Stadium.
SmartBoard Replacements	\$450,000	District SmartBoard are over 7 years old and beginning to fail. This would replacement 100 boards with interactive flat panels over a 3 yr period. The remaining 100 boards would be replace in a subsequent phase.
SingleWire - Building Communication System and Voice Gateways	\$62,398	Current paging systems in all buildings are outdated and problematic. SingleWire is an emergency notification, bells, and paging system for K-12 schools. Enhanced 911 alerting increases safety and expedience for emergency situations.
HS Generator – HS, MS, PL	\$80,000	Backup power generator to power Main Data Facility (MDF) and critical building systems during power outage.
Total – Phase I	\$1,592,266	
Balance for subsequent phase/s	\$1,145,058	Additional Phases may include; Cisco phone replacement, managed mobile carts, robotics equipment, proximity access upgrades, additional infrastructure upgrades.

INVESTMENT CATEGORIES

Investment Expenditures



MACS – WHAT'S NEXT?

- Board resolution approving the Preliminary Investment Plan (November 2016)**
- Post preliminary plan on the web site for 30 days including an address for submittal of written comments.**
- Board to conduct a public forum (December 2016)**
- Board resolution approving final Investment Plan (December 2016)**
- Post approved plan on web site (January 2017)**
- Submittal of plans to the SSBA Review Board (February 2017)**
- Infrastructure work performed during Spring/Summer 2017 (based on approval timeline).**

SSBA QUESTIONS?

