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Abington Frolio Middle School Project Working Session #23

Notes for Session: 7:30 AM, May 23, 2014

Attendees: Peter Schafer, Felicia Moschella, Jason Linn, Teresa Sullivan, Jessica Sullivan, Rosanne Kurposka, Richard Testa, Kathy Bailey, Shawn Reilly, James West, Aaron Hyre, Craig Olsen, Troy Randall, Scott Dunlap, Roger Boddie and Mary Mahoney

Items:

1. Meeting began with a general discussion of the project presentation and question & answer session during last evening's Town Informational Forum and any adjustments that should be considered for the presentation materials or key notes of discussion for future presentations.
2. Ai3 distributed a Technology Design Summary and reviewed the key components of the building technology design including:
 - Tech Labs will be set up with (28) student stations to meet the class size of the School District. Science labs will be set up with (12) student stations.
 - Structured Cabling will be over CAT 6A cable for data, voice, CCTV, security systems, & wireless access points. Network design carried through fiber from MDF to IDF rooms distributed throughout building. Cable systems & fiber infrastructure are designed for future advancement in network equipment. Wireless access point outlet placements are intended to provide the capability for complete wireless coverage throughout the school.
 - Voice Over IP (VOIP) telephone system to be included with District representatives explaining the existing Town-wide VOIP system and future upgrade the School's VOIP system as a part of the project.
 - Network Switches review function of components and District's desire to procure with a proprietary specification for HP equipment to ensure integration and compatibility with the District's local area network (LAN).
 - Wireless Access Points – (1) will be provided per classroom and (3) in larger rooms, such as the Distance Learning Center. Review District's request to procure with a proprietary specification for Aerohive equipment to ensure integration and compatibility with the District's local area network (LAN).
 - Video & Audio presentation systems were reviewed:
 - Classrooms & labs include provisions for interactive whiteboard **or** interactive projector, personal computing options, voice amplification system, & assisted listening systems.
 - Distance Learning Center (Lecture) includes a robust sound system, interactive projector with large format screen, IP teleconferencing system, voice and video recording systems, wired & wireless microphones, assisted listening system, and video distribution to allow for display of room events within the school.
 - Auditorium includes theater level presentation & performance systems with (3) camera locations for display of events within the school, projector with large format screen, voice and video recording systems, wired & wireless microphones, and assisted listening system.
 - Gym to be provided with a local sound system, projection capabilities, assisted listening systems and microphones.

General discussion ensued about locating additional audio/visual connection points in the gymnasium to host large events within the space.

- P.E. Alternatives will include a local sound system and video display.
 - Student Dining spaces to include local sound systems and portable projector cart.
 - Band/Chorus rooms to be provided with portable recording systems & microphones. Functionality and operation of the portable recording systems was reviewed.
 - Public Address (PA) System includes digital clocks for classrooms, labs, conference rooms and analog clocks for Auditorium, Distance Learning, & Library. The PA system will be integrated into the VOIP phone system to allow use of phone handsets to connect to the PA system paging. Integration of the clock, phone & PA systems was discussed. PA system zoning was discussed including need for global announcements, and zoning for independent announcements, paging & bells for the Middle School and High School and also zones with in each school section. District representatives indicated a preference for phones to be wall mounted at the teaching station as a standard.
3. Security, Access, & Intrusion Systems were discussed. Building will be provided with access control, intrusion detection, door monitoring, panic alert, and close circuit TV. The systems will be integrated to provide alarm and visual coverage of the building interior & exterior.

General discussion ensued regarding the functionality of various systems and components, features for building control, recording and play back capabilities, options for active monitoring and mobile applications for system interconnect.

4. FUTURE WORKING SESSION MEETING WAS SCHEDULED ON
- **FRIDAY, JUNE 13, 2014 AT 7:30 AM**

To the best of my knowledge, these notes are a fair representation of the issues and items discussed at the meeting. Additional items or corrections should be brought to the attention of the writer.

Submitted by: M. Mahoney 5/23/14