

## **Chronology: Boardroom Audio System and Upgrade and Interactive Display Upgrade-Atlanta Soundworks (ASW)**

The Division of Information and Instructional Technology (DIIT), in coordination with district leadership and administrative staff, identified the need to modernize the audiovisual infrastructure within the DeKalb County School District Board of Education Boardroom. Planning efforts focused on improving sound clarity, strengthening meeting management capabilities, and enhancing the video production and presentation environment to support Board meetings, work sessions, public hearings, and other district events that are recorded and livestreamed for the community.

Following this planning process, DIIT developed a comprehensive scope of work with Atlanta Soundworks, LLC, an audiovisual systems integrator, to upgrade the Boardroom audio system and implement advanced video system enhancements. The project replaces aging audio and video infrastructure with modern, standards-based technologies designed to improve communication, operational efficiency, and transparency during Board meetings.

### **Key Services Provided:**

#### **Boardroom Audio System Upgrade = \$80,037.13**

The Boardroom audio system upgrade replaces the existing proprietary sound system with a modern Dante-based digital audio networking platform designed to improve speech intelligibility, system reliability, and operational flexibility during meetings and events.

- Replacement of legacy audio infrastructure with a Dante-based digital audio networking system to support flexible audio routing and scalability
- Installation of new column loudspeakers, subwoofer, and powered monitors to improve sound distribution and clarity throughout the Boardroom
- Deployment of Bosch DICIENTIS wireless conferencing microphone system with approximately 15 discussion units to support Board member participation and meeting management
- Integration of Q-SYS digital signal processing and audio control systems to enable advanced audio routing, mixing, and system management
- Installation of touch-screen control interfaces and simplified front-of-house control to allow staff to easily manage audio sources and system operation during meetings
- Integration of existing wireless microphones and addition of digital stage box and mixing capabilities to support expanded audio inputs and flexibility

These upgrades improve sound coverage, reduce feedback and audio inconsistencies, and support clear audio delivery for both in-room participants and livestream audiences.

#### **Video System Enhancements = \$167,634.82**

Video system enhancements replace aging projection and legacy video infrastructure with modern, broadcast-quality video production and display technologies designed to improve visual clarity and meeting presentation capabilities.

- Installation of two large-format LED video walls (approximately 14' x 8') to replace existing projection systems and improve brightness, clarity, and visibility in all lighting conditions
- Replacement of the existing video production switcher with a Ross Video Carbonite broadcast-grade production switcher to support professional live event production and streaming
- Implementation of a video-over-IP distribution system utilizing encoders and decoders to provide flexible, scalable, and high-quality video routing throughout the Boardroom
- Installation of supporting video processing equipment, network switches, and display components to support content distribution and system performance
- Integration with existing and new video and streaming systems to enhance the quality of live and recorded Board meetings

These enhancements significantly improve the district's ability to present information clearly, enhance broadcast quality, and provide a more engaging and professional viewing experience for both in-person attendees and remote audiences.

**AV System Integration, Labor, and Supporting Components = \$96,450.57**

This portion of the project includes system integration, installation labor, programming, training, freight, and supporting materials necessary to deliver a fully operational audiovisual solution.

- Installation, configuration, and integration of all audio and video system components
- Removal of legacy equipment and coordination of system replacement
- Programming, testing, and commissioning of the complete audiovisual system to ensure optimal performance
- Training for district staff on system operation and management
- Provision of documentation, including as-built drawings and system manuals
- Inclusion of cabling, connectors, freight, and miscellaneous hardware required for full system deployment

These services ensure all system components function cohesively and are optimized to support Boardroom operations and long-term reliability.

Together, these system improvements ensure the Board of Education Boardroom is equipped with reliable, district-standard audiovisual infrastructure capable of supporting governance meetings, high-quality video production, presentations, and public engagement activities.

**Procurement:**

Pursuant to Board of Education Purchasing Policy DJE III.D.3(d), the Purchasing Department is authorized to procure services through contracts formally solicited and awarded by the State of Georgia in order to achieve cost savings, administrative efficiencies, and compliance with established procurement standards. Accordingly Atlanta Soundworks equipment and integration services will be obtained through Georgia Statewide Contract #99999-SPD-SPD0000210-0004 -Audiovisual Equipment and Related Services.

**Financial Impact:**

| Category                                              | Description                                                                                                                    | Cost                          |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| Boardroom Audio System Upgrade                        | Audio networking infrastructure, speakers, conferencing microphones, audio processing, installation, programming, and training | \$80,037.13                   |
| Video System Enhancements                             | LED video walls, production switcher, video-over-IP distribution system, and supporting video infrastructure                   | \$167,634.82                  |
| AV System Integration, Labor, & Supporting Components | Installation labor, programming, training, freight, cabling, and miscellaneous hardware                                        | \$96,450.57                   |
| <b>Total</b>                                          |                                                                                                                                | <b>\$344,122.52 Requested</b> |