



Technology for High Profile Contract Bidding and Project Collaboration

CLIENT

The client is an employee owned Fortune 500 construction contracting firm that started in 1884 as a small family run masonry business. They provide construction services for multiple major sectors including government, transportation, mining, power and water, competing for billion dollar contracts in all of these markets.

CHALLENGE

The goal of this project was to help improve project oversight for ongoing operations. The success of the firm depends upon its ability to centrally manage major building contracts from the bidding stages through to completion. Conceptual conversations for AV designs began while walls were still being put up in the space. After multiple bilateral meetings with the IT department about the specific needs of their firm, PPI had come up with unique solutions for three conference rooms, a divisible training room and a dedicated bidding room.

OUR SOLUTION

The meeting rooms were designed for presenters to easily pull documents from the network, assess project needs, and mark up proposals during reviews. PPI integrated video and audio conferencing technology into the conference rooms to allow communication with subcontractors and partners both in the office and around the country. The system is controlled via a custom Crestron Ipad app, which can quickly switch between content sources, arrange display layouts, and manage all in room audio visual functions.

Dual Display, High Definition Video Conferencing

The second floor conference room has two 80" displays mounted on articulating arms and a high definition camera between them. The two displays allow meeting participants to see presentation content and the far end of a video call simultaneously. The other end of the room has an 87" interactive SMART Board which connects to a PC in the room and can be sent as a source over a VTC call. Microphones were installed in the ceiling to leave table space open for large printed documents. As pictured, Cable Cubbies with retractable cables provide clean connectivity for laptops and devices to connect through the conference table.



Divisible Training Room

Each side of the room has its own ceiling mounted projector and screen setup that can be used together, or separately depending upon whether or not the rooms are divided. A wireless mic system gives both presenters and audience members voice amplification with audio reinforcement.



AT A GLANCE

- Project Type: New Office Space
- Office Size: 35,000 sq. feet
- Contract Value: \$250K
- Completed: Fall 2013

KEY TECHNOLOGY

- Cisco Video Conferencing
- Chief Dual Arm Swing Mount
- Precision HD Camera
- Panasonic 7000 Lumen Projector
- SMART Meeting Pro
- Crestron Digital Media Scaler
- Bridgit Server Software

RESULTS

With all systems in place, the firm now looks forward to cleaner, clearer communication and more efficient project management. The contract also came with a pre-paid service plan assuring priority response for service requests in the coming years.

