ANALYTIX
AV SOLUTIONS

ABC System:

Scope of Work
by Analytix

AV System Executive Summary

GME Conference Center

OVERVIEW

This proposal is for the audiovisual Build out of the GME Conference Center located on the 2nd floor, White County location. There are total 2 rooms, a Main Meeting Room and a Small Meeting Room. Main Meeting Room will have a projection system including 2 Projectors for local presentations and videoconferencing (Skype Call) applications. Ceiling mounted microphones will be utilized for speech pickup to the far-end, as well as for local voice reinforcement. The audiovisual system can be fully operated by a wired touch panel control system. Small Meeting room will have a 70" Display for local Presentation.

Main Meeting Room

Projectior: Qty - 2

- Projector brightness: 5,000 lumens
- Projector resolution: 1920 x 1080
- Mounting method: ceiling mounted

Projection Screen: Qty - 2

- Type: Ceiling recessed motorized screen
- Screen fabric: Hi contrast Da-Mat surface
- Projected image size: 65" H x 116" W

Displays:

- There will be a 65" display mounted on rear wall so that Presenter can review the content being displayed on Projection Screens.

Video Sources:

- Laptop Interface at Lectern- HDMI/VGA (1)
- Blu-Ray Player at Lectern - HDMI (1)
- Wireless Presenter at Lectern - HDMI (1)
- Desktop PC mounted in Rack - HDMI (1)

Video Switcher:

- Crestron DM switcher mounted in Rack will be provided for a single Audio and Video signal at a time in the system. (1)

Audio Sources:

- Gooseneck Microphone on Lectern surface (1)
- Ceiling mounted Microphones (7)

The microphone(s) will be used to capture the spoken voice of the local participant(s) for transmitting to the remote participant(s). The microphone(s) will also be used to capture the spoken voice of the local participant(s) for voice lift re-enforcement via the local audio speakers.

Audio Procesor/Mixer:

- Audio Matrix Mixer with VOIP mounted in Rack. **(1)**

The audio matrix/processor will be provided to route, mix and control all audio sources in your system. Automatic microphone mixing, feedback elimination and acoustic echo cancellation (AEC) technologies will be used for each microphone in the system. These technologies will work to activate only those microphones nearest to the current participants, and to assure that your audio transmission to the remote site will be clean, echo-free audio. Noise cancellation technology will also be used to further enhance the audio sent to the remote participants by minimizing any constant room noise such as HVAC Noise, Laptop computer fans, etc. The audio processor will be provided to manage the audio signals for the audio visual system. Audio Conferencing functionality will be provided with your system for calling point to point or audio conferencing bridge services. Please note that an external conferencing bridge service will be required to connect to multiple sites simultaneously.

Amplifier:

- 2 Channel Power amplifier, @70V, 200W per channel, Rack Mounted The audio power amplifier will be used to power the speakers for the audio visual system.

Speaker:

- Ceiling mounted Speakers, 70V, tap @15W, Daisy Chain The speaker(s) will be used to generate the sound for the local room participants to listen to. (7)

Web-Conferencing:

- A PTZ Camera will be mounted on the center column between the Projection screens
- Web-conferencing via owner furnished computer
- Client must install and setup the required software (i.e. Skype, Webex, etc.)
- Camera: PTZ camera connected to owner furnished computer located on existing credenza
- Calls dialed within the respective software on the owner furnished computer

Touch Panel Control System:

The system will be controlled via a Crestron control system. The user interface will be a 7" wired Touch panel.

- Touch panel color: White
  The following control functions will be available via the touch panel.
- System power
- Source selection: all available sources
- Blu-ray Player
  o Play, pause, stop, skip, forward and reverse
  o Ability to navigate onscreen menu

- Audio controls
  o Program volume control
  o Privacy (local microphone mute) on and off
- System shut down will include
  o Termination of any active video or audio calls
  o Reset all volume levels back to nominal
  o Power off all display systems

Equipment Rack:

- 27RU Rack located in an AV Closet (1)
- Equipment rack cabinet(s) will be provided for mounting any of the rack mountable audio visual hardware in the system

Letcern:

- Lectern will be provided to house Blu-Ray Player and Wireless Presenter. (1)
- A Laptop connection and a Gooseneck Microphone will be provided for presenter.

Small Meeting Room

DISPLAYS:

- There will be a 70" display mounted on front wall to access the same video content as Main Meeting Room.

Video Sources:

- It will share the same Video Sources as Main Meeting Room

Video Switcher:

- It will share the same Video Switcher as Main Meeting Room

Audio Sources:

- Ceiling mounted Microphones The microphone(s) will be used to capture the spoken voice of the local participant(s) for voice lift reenforcement via the local audio speakers. (4)

Audio Procesor/Mixer:

- It will share the same Audio Mixer as Main Meeting Room

Amplifier:

- It will share the same Audio Amplifier as Main Meeting Room

Speakers:

- Ceiling mounted Speakers, 70V, tap @15W, Daisy Chain The speaker(s) will be used to generate the sound for the local room participants to listen to. (4)