



# CITY OF CASA GRANDE COUNCIL CHAMBERS UPGRADE

## JANUARY 2020

AUDIO ♦ VIDEO ♦ CONTROL

# VISUAL SCOPE OF WORK

# PROJECTOR



9000 Lumen Sony laser projector will be wall mounted below the opening of the production room and project on the existing screen - Screen will be adjusted in programming to stop at the new 16:9 resolution

Features include: High brightness and 20,000 hours of lamp life and will be virtually maintenance free

# VIDEO SYSTEM



## Transmitter Locations:

- Booth, Podium and Clerks Desk
- Connects to a DM® switcher or receiver over a single CAT type twisted pair cable
- Handles video resolutions up to 4K and Ultra HD

## Receiver Locations:

- (1) DAIS (1) Production Booth for V Desk (1) Projector (2) Side TVs



## Laptop Connections:

- Laptops, Tablets and even phones can connect to the provided cable and present on the projector
- Two (2) Adapter rings fixed to the HDMI cables ensure adapter don't walk off.
- Two (2) Flip top cable cubby's allow HDMI cables to pass through the counter top.



# DIAS MONITORS



Fourteen (14) 22" NEC narrow bezel desktop monitor adjustable up/down



Kanex Pro HD 4k 16 port HDMI video distribution amplifier to allow for content to be sent to each monitor

# AUDIO SYSTEM

Digital Signal Processor and amplifier will be installed to manage the following sources and speakers

- Two (2) JBL line array speakers will be installed in the front of the room
- XLR Wall plate

Eight (8) QSC 2.75" speakers with amplifier will mount to backplash of dais to provide clear speech audio to members - (2) flanking mayor seat



Speaker location

Booth Audio/video will include:

- Allan and Heath 48 input mixing console
- 5" two way active studio monitor
- Two (2) 43" wall mounted displays



Dias and Chamber mics will include:

- Sixteen (16) 18' gooseneck microphones
- One (1) wireless lavalier microphone
- Two (2) wireless hand held microphones

Integration of assisted listening system will include:

- Four (4) over ear speakers
- Four (4) receivers
- Two (2) earphone neck/loop lanyard



# CRESTRON CONTROL

- Three (3) wired 10.1” table top touch panels with custom interface to allow for control of source selections, audio control and system power control
- Locations: Clerks desk/Dias and production booth
- An “Xpanel” for windows will allow for users to access and use the controller remotely from desktop or laptop
- Fast control processing (CP3N)



# TIMER

## Wireless automated Bluetooth timer system



- Master control will be at the Dias (power access needed) - Location TBD
- Large timer display will mount in the front of the podium facing the Dias
- Small timer display will be located at the top of the podium facing the speaker



- End of Slides -

Thank You for Viewing, and We Look Forward to Serving You