BROADCAST CENTER

SCOPE

Work will cover an update of the existing camera and video switching system to HD. The existing video signal wiring will be reused wherever possible. New network control wire will be required and is to be installed by the city, prior to the installation.

The new production center will provide for the following:

- Control of three new PTZ cameras over CAT6 cable using the existing coax cable.
- Switching between the three cameras and the existing input feed from the council chamber (ie: powerpoint), as well as, stored videos and graphics.
- The presentation or meeting video feed can be saved on a 5TB HHD external drive.
- The ability to upload a live or recorded video using the city's preferred online media (the city will provide the account, a computer for the administration of the feed, and an internet connection).
- The PTZ camera feed will be updated to HD-SDI to reduce latency.

The work will use existing camera locations and ensure integration with the existing chamber audio and video equipment. The installation will include parts and labor to support the new digital video infrastructure as well as interfacing with the existing or updated PEG cable transmitter.

BROADCAST SYSTEM

IMAGE	QTY	DESCRIPTION	PRICE	TOTAL
	1	Panasonic AV-HLC100P HD Live Switcher with up to 8 Inputs with NDI (Network Digital Interface), 2 SDI outputs with Aux, HDMI output for Multiviewer and UI, audio mixing, streaming, recording, and character generation.		
	3	Panasonic AW-HE40SKPJ9 Black, sub-compact HD Integrated Pan-tilt Camera with single MOS sensor, 30X Optical Zoom, 1000 lines of H-Resolution, POE+ (Power Over Ethernet+), and HD-SDI Output. Previous AW-SFU01 upgrade is now integrated into camera firmware for FREE providing HD Streaming, USB Video functions, and in-camera recording with FTP.		
	3	Panasonic FEC-40WMK Heavy duty wall mount (black) for use with AW-HE/HN38/40 and AW- UE/UN70 cameras PTZ cameras		

PRICE   TOTAL

2   Decimator Design MD-HX   HDMI/SDI Cross Converter w/ Scaling & Frame Rate
     Conversion

1   Hardware: TP-link T1500G-10M PS

1   Hardware: External 5 TB HDD Drive.

1   RPM Hardware   32" Preview monitor

1   Hardware: Installation parts (ie: Cables, Connectors, Bolts, Screws, Etc.)

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BROADCAST SYSTEM TOTAL

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BROADCAST CENTER TOTAL