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City of Powell  
Ordinance 2020-19  
Exhibit A

Proposal To:  
City of Powell  
Karen Mitchell

9/8/2020

## Council Chambers Full Upgrade

### SCOPE OF WORK

This project entails replacing all twelve (12) of the existing wireless microphone systems with new digital handheld wireless microphone systems due to the FCC prohibition of devices using the 600 MHz band. The existing feedback eliminator and audio amplifier will also be replaced. The DSP mixer will be replaced by a new generation DSP mixer with AEC that will allow for more precise audio tuning controls as well as USB streams for software recording or conferencing applications. The existing solid state recorder will be setup to copy recordings to a local network storage device. A new output will be provided to feed an owner provided streaming box that will be located in the AV equipment rack.

An option is shown that would replace the existing solid state recorder with a new SD/USB network recorder.

City of Powell will be responsible for the following items:

- Providing any necessary wiring conduits
- Providing any existing A/V equipment to be re-utilized in the new A/V system in working order
- Providing a streaming box and all necessary network connections
- Providing an electrical outlet (isolated 110V) at the equipment rack location
- Providing all junction boxes and termination boxes necessary
- Providing all network (IP) and terminations at the rack for use with the solid state recorder
- Full access to the facility during normal business hours to allow for completion of the project within reasonable guideline agreed upon by Customer and Ohio Valley AV

Ohio Valley AV will be responsible for the following items:

- Pulling and terminating all new low voltage A/V cables
- Mounting and wiring the new wireless microphone receivers and DSP mixers
- Mounting all racked and non-racked equipment and terminating all connections
- Programming of system integratable components
- Start-up, test, adjust, and finalize all installation details

## Council Chambers Full Upgrade

ITEM	QTY	MFG - P/N	DESCRIPTION	EACH	TOTAL
1.	6	Audio-Technica ATW-1322	2 Channel Wireless Handheld Microphone System	\$755.00	\$4,530.00
2.	12	Audio-Technica AT8456A	Quiet-Flex Microphone Stand Clamp	\$16.00	\$192.00
3.	1	DBX AFS2	Feedback Eliminator	\$297.00	\$297.00
4.	1	Lab.Gruppen E 8:2	800 W 2 Channel Audio Amplifier	\$693.00	\$693.00
5.	1	Snap AV AN-310-SW-R-8-POE	Network Switch	\$347.00	\$347.00
6.	1	Biamp TesiraFORTE AVB CI	DSP Mixer w/AVB, AEC & USB	\$2,219.00	\$2,219.00
7.	1	Biamp Tesira EX-MOD	Modular DSP Mixer Expander	\$1,133.00	\$1,133.00
8.	1	Biamp Tesira EEC-4	4 Channel Mic/Line Input Card with AEC	\$445.00	\$445.00
9.	1	Biamp TesiraCONNECT TC-5	5-Port Expansion Device	\$720.00	\$720.00
10.	1	Biamp TEC-1i	PoE Ethernet Control: In-Wall Mount	\$377.00	\$377.00
11.	1	Ohio Valley AV RP2	Service Jack Rack Plate	\$27.00	\$27.00
12.	1	Ohio Valley AV Job Materials	Materials (Bulk Wire, Connectors, Hardware, etc.)	\$400.00	\$400.00
13.	1	Ohio Valley AV Labor	Engineering, Programming, and Installation Labor	\$3,860.00	\$3,860.00
14.	1	Ohio Valley AV Administration	Administration	\$457.00	\$457.00

## OPTIONS

## SD/USB Network Recorder Option

1.	1	Denon DN-700R	SD/USB Network Recorder with AES/EBU, Analog Input and Output	\$450.00	\$450.00
2.	1	Ohio Valley AV Labor & Materials	Labor & Materials Needed To Install Option	\$322.50	\$322.50

SD/USB NETWORK RECORDER OPTION TOTAL      \$772.50

ACCEPTANCE

FINANCIAL

EQUIPMENT TOTAL	\$10,980.00
MATERIALS TOTAL	\$400.00
LABOR TOTAL	\$3,860.00
ADMINISTRATION TOTAL	\$457.00
<b>PROJECT TOTAL</b>	<b>\$15,697.00</b>

PAYMENT SCHEDULE  
Net 30 Days

QUOTE EXPIRATION DATE 11/9/2020

TERMS

THE PURPOSE OF THIS MEMORANDUM OF UNDERSTANDING (MOU) IS TO SET FORTH THE TERMS AND CONDITIONS, SCOPE OF WORK, AND RESPONSIBILITIES OF THE PARTIES ASSOCIATED WITH THEIR COLLABORATION ON THE CUSTOMER ROOM A/V SYSTEM PROJECT. THE PARTIES SHALL EACH BE SOLELY RESPONSIBLE FOR ANY AND ALL COSTS ASSOCIATED WITH THEIR RESPONSIBILITIES UNDER THIS MOA. FAILURE TO NOTIFY OHIO VALLEY AV OF ANY PROJECT DELAYS WITHIN 48 HOURS OF THE SCHEDULED INSTALLATION DATE MAY BE SUBJECT TO ADDITIONAL CHARGES.

ACCEPTANCE

City of Powell

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PRINT

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SIGN

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DATE