



# Image Management Contract

No. \_\_\_\_\_

SOLD TO:

City of Snoqualmie

**CUSTOMER NAME**

PO Box 987

**BILLING ADDRESS**

Snoqualmie WA 98065

CITY STATE ZIP

( 425 ) 888-1555

**TELEPHONE**

Christopher Miller / Andrew Latham

**ATTENTION**

SHIP TO:

City of Snoqualmie City Hall

**CUSTOMER NAME**

38624 SE River St

**SHIPPING ADDRESS**

Snoqualmie WA 98065

CITY STATE ZIP

( 425 ) 888-1555

**TELEPHONE**

Andrew Latham

**KEY OPERATOR**

ORDER DATE			PO#		ORDERED BY		SOLD BY	
4/3/2023					Christopher Miller / Andrew Latham		J.Geyer / A.Dahl	
QTY	ITEM	TYPE	DESCRIPTION				UNIT PRICE	TOTAL
1			City of Snoqualmie City Hall Council Chambers AV Project					\$117,745.00
			All installation, configuration and work to be completed by Dimensional Communications					
			See attached for detailed breakdown of all equipment // SOW // Work to be included					
			Proposal Includes 1 Year Warranty					
Minimum Monthly Payment (plus applicable taxes) \$ _____ Term _____ Months							Device Management	Included
Service/Supply Commitment		Models	Monthly Minimum Number of Images	Excess Per Image Charge	Excess Billing Cycle		Automated Meter Reading	Included
1 Year Warranty		Equipment/Solution	N/A	N/A	<div><input type="checkbox"/> Monthly</div> <div><input type="checkbox"/> Quarterly</div> <div><input type="checkbox"/> Semi-Annual</div> <div><input type="checkbox"/> Annual</div>		Auto Toner Replenishment	
				Advanced Scanning				
				Security				
				MFP Network Support				
				Power Filter				
CONDITIONS OF SALE, CONTINGENCIES OR COMMENTS							Delivery	Included
							Subtotal	\$117,745.00
							Sales Tax	\$10,479.30
							Total	\$128,224.30

~~By signing this Contract, Customer acknowledges and agrees: (a) this Contract is NON-CANCELABLE; (b) all terms and conditions on the reverse side are an integral part of this Contract; (c) to fully understand all terms and conditions stated herein; and (d) this Contract is the entire Agreement between Customer and Pacific Office Automation relating to the equipment and services described herein, and can be changed only by written agreement signed by both parties.~~

**Customer Authorization**

**Approved by Pacific Office Automation**

SIGNATURE

BY

TITLE

DATE

TITLE

DATE

## *Council Chambers AV System Updates*

**April 4, 2023**

### **Televic Conferencing Microphones**

**Submitted to:** **City of Snoqualmie**  
38624 SE River St,  
Snoqualmie, WA 98065

**Location:** Snoqualmie City Hall

**Contact:** Jonathan Geyer

### **Main System Features**

- **(14) Wireless Gooseneck Microphones with rechargeable batteries & rack mount charger**
  - *The gooseneck microphones can be moderated (muted/unmuted) by the chairman*
- **Audio-Technica Beamforming Microphone Array**
- **Wireless Presentation Functionality**
- **New Control System and wall mounted touch screen**
  - *The existing iPad can be also be used as a system control interface using the Crestron and Zoom Apps*
- **Automatic Camera Preset Recall**
  - *(2) new cameras will cover the board members with Auto Camera Preset Recall*
- **Native Zoom Video-Teleconference (VTC) System Interface**
  - *Utilizing 1 to 4 HD cameras and the Wireless Microphone System*
  - *Utilizing the overhead speakers for far-side audio*
- **New Ceiling Mounted displays**
  - *(2) 55" 4K displays*
  - *(2) 65" 4K displays*
- **New HDMI Matrix Switching system**
- **New Digital Sound Processor and speaker amplification**
  - *Speaker re-zoning for better gain before feedback*
- **Universal VTC App connectivity with an owner furnished PC**

**Scope of work:** *Provide and install updates to the existing AV system to facilitate using the native Zoom interface for soft codec video teleconferencing software. The new system will integrate the (2) existing PTZOptics Cameras into the new Zoom system and add an additional (2) cameras dedicated in front of the council; the HDMI output on the cameras will be extended back to a rack mounted HDMI multiviewer video processor (MVP). The MVP will output a single HDMI with 1 to 4 camera feeds merged onto one side by side or a tiled frame; the HDMI output will be connected to an HDMI to USB converter. (If needed the cameras can also be used individually.) The (2) new cameras dedicated to the council will automatically switch camera view presets based on whom is using the push-to-talk buttons on their gooseneck microphone; the cameras will be ceiling mounted in the ACT ceiling at the east-west middle of the council. The new cameras will hang down about as far as the new ceiling mounted displays; the preset views will frame up each table and the (2) council members at the table. The updated system will include (14) wireless gooseneck microphones and receivers; all of the microphones will come with rechargeable batteries. The microphones will have the ability to "raise a hand," making the light ring at the top of the gooseneck light up and pulse while they wait to be recognized by the Chairman; once recognized by the chairman, their microphone light will go solid until they are done speaking or until the chairman cuts them off. Two (10) bay battery chargers will be provided with the new system. DCI will reconnect the (2)*

existing Shure SLX microphone receivers. The QSC Core 110F digital sound processor (DSP) will accept all (16) channels of wireless microphones as well as the new beamforming microphone array. The QSC DSP and the HDMI to USB converter, will output USB audio and USB video to the Crestron Zoom conference system for high quality audio and video. The system will have the ability to route the high quality USB audio and video to a rack mounted OFE PC to be used for general meeting/conference room PC needs or other soft codec VTC software. The QSC DSP will also receive the "far-end" audio over the two-way USB connection and send audio to a new (4) channel amplifier, re-powering the existing conference room and lobby speakers. The ceiling speakers in the council chambers will be re-powered and re-zoned into (3) zones for an improved gain-feedback ratio; the 4<sup>th</sup> zone will be the lobby. The video switching will be replaced with a new digital 8x2 matrix switcher (DMS); the (2) existing VGA with audio floor box connections will be replaced (2) HDMI input plates. The existing DVD player will be replaced with a rack mounted Blu-ray player. The dedicated Zoom PC, provided as part of the Crestron UC system, will also be mounted in the rack; the Zoom PC will output to the DMS. The system will include a Barco ClickShare C-5 wireless presentation gateway for wirelessly sending a laptop screen and audio to the system. All of these sources will connect to the DMS; the DMS will output HDMI over cat6 twisted pair to receivers installed at the existing projector and (4) new 4K displays. The (2) 65" and (2) 55" displays will be ceiling mounted back to back (55"/65") on ceiling mounts; these displays can mirror the projector or a second source can be routed to all (4) displays. **New power receptacles will be needed in the ceiling for these new displays; this electrical work is excluded from this proposal.** The existing AMX wall dock will be replaced with a permanently mounted 10" Crestron touch panel for zoom room control; the panel can be switched into "room control" mode for routing inputs, master volume control, individual microphone levels, PTZ camera control and turning projector/TV on/off as needed. The iPad can also be used for Zoom room control via the Zoom App and room control via the Crestron App. If possible in (4) hours of control programming, DCI will reconnect the existing shade and lighting control system. Please note that if this integration takes longer than the budgeted (4) hour additional programming charges may apply; any shade or lighting system programming required by third party vendors to complete the integration with the new control system is excluded from this proposal and will need to be approved and paid for by the City of Snoqualmie. Equipment and material as follows:

Item	Quantity	Description	
1.	14	Televis Confidea G4 Wireless Microphone with 15" Gooseneck Microphone	\$25,808.54
2.	1	Televis Confidea WAP G4 – Dante with Power Supply	\$ 5,019.71
3.	2	Televis Confidea Charging Station – Rack Mounted	\$ 3,173.13
4.	1	Confero 360 – Software License	\$ 4,577.53
5.	1	Audio Technica ATND1061DAN Beamforming Microphone Array	\$ 3,095.28
6.	1	QSC Core 110F Digital Sound Processor	\$ 3,892.46
7.	1	QSC Scripting and Dante Licenses	\$ 1,166.18
8.	1	QSC MP-440V 4-Ch amplifier	\$ 1,743.82
9.	2	QSC NC-12x80 PTZ Camera with Ceiling Mounts	\$ 9,242.25

10.	1	Crestron CP4N Control Processor	\$ 2,397.75
11.	1	Crestron 6x2 HDMI Matrix Switcher	\$ 4,110.43
12.	6	Crestron HDMI extender kits	\$ 4,328.41
13.	1	Crestron 1x4 HDMI Distribution Amplifier	\$ 471.77
14.	1	Crestron UC-CX100-Z-WM Zoom Room integrated conference system	\$ 3,335.53
15.	1	Crestron 10" wall mounted touch panel	\$ 3,225.31
16.	1	DCI Custom Retrofit Bracket for AMX to Crestron	\$ 233.55
17.	1	Barco ClickShare C-5	\$ 1,284.51
18.	1	AV Access 4x1 Multiviewer	\$ 778.49
19.	1	Magwell HDMI to USB adaptor	\$ 465.54
20.	1	Denon BD-500BDMKII Professional Blu-ray Player	\$ 544.94
21.	1	Inogeni Toggle USB 3.0 switcher	\$ 548.06
22.	2	Sony 55" 3840 x 2160 4K HDR LED Display - 16/7	\$ 1,761.44
23.	2	Sony 65" 3840 x 2160 4K HDR LED Display - 16/7	\$ 2,003.63
24.	2	Chief MCB1U Fusion® Medium Flat Panel Ceiling Mounts	\$ 1,360.80
25.	2	Global Cache GC3NE2SL GC3 w/ Serial Network Control Interface	\$ 778.49
26.	1	Netgear GS324TP 24-Port Gigabit PoE+ Compliant Smart Managed Switch	\$ 529.37
27.	Lot	Cable, Connectors and Consumables	\$ 4,202.61
28.	Lot	Installation, Testing and Commissioning	\$ 27,665.46

\*\*\*\*\*One Hundred and Seventeen Thousand, Seven Hundred and Forty-Five Dollars and 00/100 + WSST\*\*\* \*\*\*\* \$117,745.00\*\*\*\*\*

(All of the bolded Televic Equipment accounts for **\$38,579.00** of the project cost)

**Deductive Alternate #1 - Remove (4) the ceiling mounted displays – 2x55" & 2x65"**

Remove the ceiling mounted displays, signal distribution equipment and associated mounting hardware.

Remove from Base: \$8,415

Initial to Accept: \_\_\_\_\_

**Note:** This proposal does not include any electrical additions or alterations of any kind; all electrical work, including the new ceiling receptacles needed for the ceiling displays, is excluded from this proposal. This proposal does not include sales tax. This proposal includes for equipment, installation, testing, and final commissioning of the system, as outlined above. Any changes to scope will be accompanied by an updated proposal. This proposal excludes error and omissions/professional liability insurance.

Submitted by: Avery Dahl

Time payment options are available upon request.

Cash Terms: 50% down with balance due at installation.

This proposal may be withdrawn if not accepted within thirty (30) days.

DCI Authorized Signature: \_\_\_\_\_

*Avery Dahl*

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

You agree that Dimensional retains a security interest in all personal property delivered pursuant to the acceptance of this proposal and to any equipment later ordered by you from Dimensional, until such time as payment of all amounts due to Dimensional are made in full. If you fail to make any payments when due, Dimensional may require you to return all personal property delivered, make it available to Dimensional for recovery, or exercise any other rights or remedies arising from RCW 62A.9A. Regardless of default, we may also file a mechanic's lien, UCC-1 form and other collateral registration. By signing this proposal you consent to such filings. All liens and security interests, if incorporated, will be released upon full payment of all amounts due Dimensional arising from or related to this proposal.

**Acceptance of Proposal:** The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Authorized Signature: \_\_\_\_\_

Date of Acceptance: \_\_\_\_\_