

# PROPOSAL

## JUST-3369

Revision: 2

### MI Washtenaw County 15th District - Ann Arbor Courtroom 3

#### MI Washtenaw County 15th District Court - Ann Arbor

301 E Huron St.  
Ann Arbor, MI 48104  
734-794-6759

Modified: 7/25/2023  
Quote Valid for 90 Days  
OPP-50338



Presented By:

Don Klier

#### **Justice AV Solutions, Inc**

13020 Middletown Industrial Blvd  
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# SCOPE OF WORK

MI Washtenaw County 15th District Court - Ann Arbor  
MI Washtenaw County 15th District - Ann Arbor Courtroom 3

Customer needs a quote for a new install full HD switching video system. This quote will be updated following on-site visit by JAVS representative.  
Site visit has been completed and the quote revised.

System will include:

- JAVS Centro Audio Processor
- JAVS HDX Video processor
- JAVS Recorder 8 Primary Recorder - HD 720 Multichannel
- JAVS Recorder 8 Secondary Recorder - HD 720 Stereo
- Suite 8 software to be installed on a customer provided PC. Specs will be provided
- (7) JAVS Flex Mic Boundary style microphones (Judge, Bench Conf / Overall.Mic, Witness, Left Law, Right Law, Podium, Jury)
- Sound system to include:
  - ~ integration of existing JBL ceiling speakers (23)
  - ~ new amplifier and feedback suppressor
- Integration of existing Assisted Listening System Listen LS-81 (if possible)
- (6) JAVS HD Cameras - 5 zoom lens, 1 wide lens (Judge, Overall, Witness, Left Law, Right Law, & Podium)
- Integration of existing courtroom monitor and Judge monitor
- (1) Table Top HDMI box at Podium for evidence presentation
- Add Vaddio AV Bridge for integration of existing Zoom soft-conferencing (session initiated at courtroom PC)
- Kramer Touch Panel for system control.
- Equipment Rack

REVISED QUOTE 7/25/2023 GW

## Main Components for HD Switching & Signal Routing

<b>1</b>	<b>JAVS JAV-AVIX-1204</b> AVIX Video Switching Software	\$6,300.00
<b>1</b>	<b>JAVS JAV-CENTRO-HDX</b> JAVS HD Video Switcher 8/4 in, 6/3 out (HD-SDI/HDMI)	\$5,200.00
<b>1</b>	<b>JAVS JAV-CENTRO-AO</b> JAVS Audio Only - HD Ready Centro	\$3,300.00
<b>1</b>	<b>Netgear, Inc GS116LP-100NAS</b> Netgear 16-Port 76W PoE/PoE+ Gigabit Ethernet Unmanaged Switch	\$293.00
<b>1</b>	<b>AtlasIED TSD-RMK</b> TSD Series Rack Mount Kit	\$100.00
<b>1</b>	<b>AtlasIED TSD-DCPD</b> DC power distribution for TSD device	\$73.99
<b>1</b>	<b>MCM 28-19387</b> AC/DC Power Supply, 1 Output, 60 W, 12 VDC, 5 A Supports up to ten (10) cameras	\$25.00
<b>1</b>	<b>JAVS JAV-LABOR-HD-MC</b> Labor for HD Main Component Installation	\$6,000.00

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**Equipment:           \$15,291.99**

**Labor:                   \$6,000.00**

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<b>Main Components for HD Switching &amp; Signal Routing Total</b>	<b>\$21,291.99</b>
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## High Definition Recorders

<b>1</b>	<b>JAVS JAV-REC8-SD-M</b> JAVS All-In-One Recorder 8 Base Model with MultiChannel Audio - 4:3 Aspect Ratio (320x240, 480x360, 640x480) - 16:9 Aspect Ratio (640x360)	\$3,500.00
<b>1</b>	<b>JAVS JAV-REC8-SD-S</b> JAVS All-In-One Recorder 8 Base Model with Stereo Audio - 4:3 Aspect Ratio (320x240, 480x360, 640x480) - 16:9 Aspect Ratio (640x360)	\$3,200.00
<b>2</b>	<b>JAVS JAV-REC8-720</b> Adds 720P Record Capabilities to JAVS All-In-One Recorder 8 - 4:3 Aspect (320x240, 480x360, 640x480) - 16:9 Aspect Ratio (640x360, 1280x720)	\$1,600.00
<b>1</b>	<b>JAVS JAV-DRMK</b> Rack Mount Kit for (2) Two JAVS Recorders	\$70.00
<b>1</b>	<b>JAVS JAV-LABOR-REC</b> Labor for Recorder Installation	\$150.00

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<b>Equipment:</b>	<b>\$8,370.00</b>
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<b>Labor:</b>	<b>\$150.00</b>
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<b>High Definition Recorders Total</b>	<b>\$8,520.00</b>
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## Autolog 8 Recording/Logging Software

*RECOMMENDED SOFTWARE REQUIREMENTS:*

*Windows 10*

*Microsoft .NET Framework 4.7.2*

*Intel i5 4th Gen*

*8GB RAM*

*40 GB SSD*

*10/100/1000MB Network Adapter*

<b>1</b>	<b>JAVS JAV-SW-AL8S</b> JAVS AutoLog 8 Logging and Control Software for JAVS Recorder 8	\$1,000.00
<b>1</b>	<b>JAVS JAV-SW-P8S</b> Publisher 8 Session Publishing Software	\$375.00
<b>1</b>	<b>JAVS JAV-SW-S8S</b> Scheduler 8 Session Scheduling Software	\$275.00
<b>1</b>	<b>APC BE550G</b> Back-UPS 550 - 330 Watt/550 VA, 120 Volt Input/Output and USB Interface Port	\$110.00
<b>1</b>	<b>Monoprice 5380</b> Cat6 Punch Down Keystone Jack - Green	\$2.50
<b>150</b>	<b>Windy City Wire 556600-S</b> 23-4P UNS SOL PLNM C6 Wht Jkt	\$75.00
<b>2</b>	<b>Monoprice 7266</b> Cat6 Plug Solid W/Insert 50U	\$0.70
<b>1</b>	<b>JAVS JAV-SW-V8S</b> Viewer 8 Session Viewing Software for Transcription	\$0.00
<b>1</b>	<b>JAVS JAV-LABOR-AS</b> Labor for Autolog Software Installation	\$600.00

**Equipment: \$1,838.20**

**Labor: \$600.00**

<b>Autolog 8 Recording/Logging Software Total</b>	<b>\$2,438.20</b>
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## Microphones & Accessories

<b>7</b>	<b>JAVS JAV-JM14</b>	JAVS FlexMic with Multicolor LED and Touch Button	\$1,960.00
<b>7</b>	<b>JAVS JAV-PLX-SF</b>	FlexMic Plexiglass - Short Flat (Jury Style)	\$140.00
<b>7</b>	<b>C2G 27153</b>	10ft Cat6 550 MHz Snagless (UTP) Patch Cable - Black	\$97.93
<b>7</b>	<b>Monoprice 5380</b>	Cat6 Punch Down Keystone Jack - Green	\$17.50
<b>1050</b>	<b>Windy City Wire 556600-S</b>	23-4P UNS SOL PLNM C6 Wht Jkt	\$525.00
<b>14</b>	<b>Monoprice 7266</b>	Cat6 Plug Solid W/Insert 50U	\$4.90
<b>7</b>	<b>JAVS JAV-LABOR-MIC</b>	Labor for Microphone Installation	\$1,050.00

	<b>Equipment:</b>	<b>\$2,745.33</b>
	<b>Labor:</b>	<b>\$1,050.00</b>

	<b>Microphones &amp; Accessories Total</b>	<b>\$3,795.33</b>
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## Sound Reinforcement (Reuse Existing Speakers)

<b>1</b>	<b>JBL CSA 2120Z</b>	2 x 120W DriveCore Amplifier, Fanless, 4ohm/8ohm/70V/100V, 1U Half-Rack, Mounting kit	\$932.00
<b>1</b>	<b>DBX AFS2</b>	Advanced Feedback Suppression processor with full LCD display	\$470.36
<b>1</b>	<b>JAVS JAV-LABOR-PA</b>	Labor for Feedback Suppressor & Amplifier Installation	\$300.00

	<b>Equipment:</b>	<b>\$1,402.36</b>
	<b>Labor:</b>	<b>\$300.00</b>

	<b>Sound Reinforcement (Reuse Existing Speakers) Total</b>	<b>\$1,702.36</b>
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## Assisted Listening System (Reuse Existing)

<b>2</b>	<b>JAVS JAV-CENTRO-RCA</b> Centro RCA Output Cable (Required to connect external A/V Outputs)	\$240.00
<b>2</b>	<b>Monoprice 5380</b> Cat6 Punch Down Keystone Jack - Green	\$5.00
<b>300</b>	<b>Windy City Wire 556600-S</b> 23-4P UNS SOL PLNM C6 Wht Jkt	\$150.00
<b>4</b>	<b>Monoprice 7266</b> Cat6 Plug Solid W/Insert 50U	\$1.40
<b>1</b>	<b>JAVS JAV-LABOR-AL</b> Labor for Assisted Listening Installation	\$450.00

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**Equipment:           \$396.40**

**Labor:                 \$450.00**

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<b>Assisted Listening System (Reuse Existing) Total</b>	<b>\$846.40</b>
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## High Definition Cameras

<b>6</b>	<b>JAVS JAV-JC-20HD</b> 3G/HD-SDI Camera - 2.5 Megapixels, 1920x1080i, 1920x1080p, 1280x720p & frame-rates of 60/59.94/50/30/29.97/25 fps.	\$5,400.00
<b>1</b>	<b>Marshall Electronics VS-M288-A</b> 2.8-8mm Varifocal F1.3 - T360 CS Mount with Auto-Iris	\$240.00
<b>5</b>	<b>Marshall Electronics VS-M550-4</b> 5-50mm Varifocal F1.6 CS Mount with Auto-Iris	\$1,200.00
<b>6</b>	<b>Peerless-AV CMR410</b> Camera mount	\$180.00
<b>12</b>	<b>Windy City Wire HOL-BNC6-MCV</b> RG6 Compression BNC	\$28.80
<b>900</b>	<b>Windy City Wire RG6HDP-BLK</b> Type RG 6/U Plenum, 18 AWG Bare Copper Serial Digital [Black]	\$1,017.00
<b>900</b>	<b>Windy City Wire 1802P-BLK</b> 18 Gage Stranded Speaker Cable, Plenum Rated	\$306.00
<b>6</b>	<b>JAVS JAV-LABOR-CAM</b> Labor for HD Camera Installation	\$1,800.00

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**Equipment:            \$8,371.80**

**Labor:                    \$1,800.00**

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<b>High Definition Cameras Total</b>	<b>\$10,171.80</b>
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## Reuse Monitor @ Judge's Bench for Viewing

<b>1</b>	<b>JAVS JAV-MC-BD</b> Bi-Directional SDI/HDMI with Power Supply	\$200.00
<b>1</b>	<b>Comprehensive Cable NFHD18G-3PROBLK</b> NanoFlex™ Pro AV/IT Integrator Series™ Certified 4K 18G High Speed HDMI Cable Jet Black 3ft	\$19.99
<b>2</b>	<b>Windy City Wire HOL-BNC6-MCV</b> RG6 Compression BNC	\$4.80
<b>150</b>	<b>Windy City Wire RG6HDP-BLK</b> Type RG 6/U Plenum, 18 AWG Bare Copper Serial Digital [Black]	\$169.50
<b>1</b>	<b>JAVS JAV-LABOR-DSP</b> Labor for Display Installation	\$300.00

**Equipment: \$394.29**

**Labor: \$300.00**

<b>Reuse Monitor @ Judge's Bench for Viewing Total</b>	<b>\$694.29</b>
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## Reuse Courtroom Monitor for Public Viewing

<b>1</b>	<b>JAVS JAV-MC-BD</b> Bi-Directional SDI/HDMI with Power Supply	\$200.00
<b>1</b>	<b>Comprehensive Cable NFHD18G-3PROBLK</b> NanoFlex™ Pro AV/IT Integrator Series™ Certified 4K 18G High Speed HDMI Cable Jet Black 3ft	\$19.99
<b>2</b>	<b>Windy City Wire HOL-BNC6-MCV</b> RG6 Compression BNC	\$4.80
<b>150</b>	<b>Windy City Wire RG6HDP-BLK</b> Type RG 6/U Plenum, 18 AWG Bare Copper Serial Digital [Black]	\$169.50
<b>1</b>	<b>JAVS JAV-LABOR-DSP</b> Labor for Display Installation	\$300.00

**Equipment: \$394.29**

**Labor: \$300.00**

<b>Reuse Courtroom Monitor for Public Viewing Total</b>	<b>\$694.29</b>
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## Laptop Connection @ Podium

<b>1</b>	<b>FSR SYM-CL-2AC-1CA-1SS-CCC-BLK-9.5</b> Symphony Clamp-On Table Box - Stock Box w/ (2) AC Outlets, (1) Dual USB Charging Ports & 9.5' AC Cable - Aluminum Housing w/ Black End Caps (Requires Inserts)	\$213.00
<b>1</b>	<b>JAVS JAV-MC-BD</b> Bi-Directional SDI/HDMI with Power Supply	\$200.00
<b>1</b>	<b>FSR SS-HDMI-BLK</b> Black HDMI pass through snap-in connector	\$29.00
<b>1</b>	<b>Comprehensive Cable NFHD18G-3PROBLK</b> NanoFlex™ Pro AV/IT Integrator Series™ Certified 4K 18G High Speed HDMI Cable Jet Black 3ft	\$19.99
<b>4</b>	<b>Windy City Wire HOL-BNC6-MCV</b> RG6 Compression BNC	\$9.60
<b>300</b>	<b>Windy City Wire RG6HDP-BLK</b> Type RG 6/U Plenum, 18 AWG Bare Copper Serial Digital [Black]	\$339.00
<b>1</b>	<b>JAVS JAV-LABOR-LAP</b> Labor for Laptop Connection Installation	\$450.00

**Equipment: \$810.59**

**Labor: \$450.00**

<b>Laptop Connection @ Podium Total</b>	<b>\$1,260.59</b>
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## A/V Bridge for Zoom Soft Conferencing from Client's PC

1	<b>Vaddio 999-8215-000</b> AV Bridge Conference System	\$3,016.00
1	<b>JAVS JAV-MC-BD</b> Bi-Directional SDI/HDMI with Power Supply	\$200.00
1	<b>Tripp Lite B203-101-PNP</b> 1-Port USB 2.0 over Cat5/Cat6 Extender Kit Video Transmitter & Receiver 164'	\$195.00
1	<b>ShowMeCables 47-300-012</b> USB to HDMI Adapter with Audio Converter	\$98.50
1	<b>Comprehensive Cable NFHD18G-3PROBLK</b> NanoFlex™ Pro AV/IT Integrator Series™ Certified 4K 18G High Speed HDMI Cable Jet Black 3ft	\$19.99
1	<b>Monoprice 5380</b> Cat6 Punch Down Keystone Jack - Green	\$2.50
2	<b>Windy City Wire HOL-BNC6-MCV</b> RG6 Compression BNC	\$4.80
225	<b>Windy City Wire RG6HDP-BLK</b> Type RG 6/U Plenum, 18 AWG Bare Copper Serial Digital [Black]	\$254.25
150	<b>Windy City Wire 556600-S</b> 23-4P UNS SOL PLNM C6 Wht Jkt	\$75.00
2	<b>Monoprice 7266</b> Cat6 Plug Solid W/Insert 50U	\$0.70
1	<b>JAVS JAV-LABOR-VC</b> Labor for Video Conference Installation	\$450.00

**Equipment: \$3,866.74**

**Labor: \$450.00**

<b>A/V Bridge for Zoom Soft Conferencing from Client's PC Total</b>	<b>\$4,316.74</b>
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## Touch Panel Controller for System Control

<b>1</b>	<b>Kramer Electronics KT-208</b> 8-Inch Wall & Table Mount POE Touch Panel	\$1,940.00
<b>1</b>	<b>Kramer Electronics SL-280</b> 32-Port S1 smart controller	\$1,930.00
<b>1</b>	<b>Monoprice 5380</b> Cat6 Punch Down Keystone Jack - Green	\$2.50
<b>150</b>	<b>Windy City Wire 556600-S</b> 23-4P UNS SOL PLNM C6 Wht Jkt	\$75.00
<b>2</b>	<b>Monoprice 7266</b> Cat6 Plug Solid W/Insert 50U	\$0.70
<b>1</b>	<b>JAVS JAV-LABOR-CS</b> Labor for Control System Installation	\$300.00
<b>1</b>	<b>JAVS JAV-LABOR-PROG</b> Labor for Control System Programming	\$1,200.00

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<b>Equipment:</b>	<b>\$3,948.20</b>
<b>Labor:</b>	<b>\$1,500.00</b>

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<b>Touch Panel Controller for System Control Total</b>	<b>\$5,448.20</b>
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## Equipment Rack & Wire Management

<b>1</b>	<b>Middle Atlantic PTRK-21</b> PTRK series portable rack, 21 space, 23" deep	\$1,259.00
<b>1</b>	<b>Para Systems, Inc ED1000RTXL2U</b> Minuteman Endeavor ED1000RTXL2U 1000VA Tower/Rack/Wall Mountable UPS	\$1,185.00
<b>1</b>	<b>Middle Atlantic PDT-1615C-NS</b> Vertical Power Strip, 16 Outlet, 15 Amp	\$280.00
<b>1</b>	<b>Middle Atlantic PTRK-RR21</b> REAR RAIL KIT FOR PTRK-21	\$80.00
<b>4</b>	<b>Middle Atlantic UTR1</b> Mounting Rackshelf, 1 RU, 10"D	\$236.00
<b>2</b>	<b>Middle Atlantic VTF1</b> Vent Panel, 1 RU, Perforated, 25% Open Area	\$54.00
<b>1</b>	<b>JAVS JAV-LABOR-CA</b> Labor for Cabinet Assembly & Testing	\$1,800.00

<b>Equipment:</b>	<b>\$3,094.00</b>
<b>Labor:</b>	<b>\$1,800.00</b>

<b>Equipment Rack &amp; Wire Management Total</b>	<b>\$4,894.00</b>
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<b>Equipment Subtotal:</b>	<b>\$50,924.19</b>
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<b>Labor Subtotal:</b>	<b>\$15,150.00</b>
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<b>Project Subtotal:</b>	<b>\$66,074.19</b>
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# PROJECT SUMMARY

Equipment:	\$50,924.19
Labor:	\$15,150.00
<b>Grand Total:</b>	<b>\$66,074.19</b>

## Payment Terms

### Payment Schedule

	Amount	Due Date
Initial Payment Prior to Scheduling	\$16,518.55	
Final Payment Upon Completion **Payment Due 30 Days from Invoice Date**	\$49,555.64	

Client accepts this Quote inclusive of its Scope of Work, Pricing and Payment Terms. Contractor agrees to furnish the equipment and materials listed and perform the work in an expedient, workmanlike and professional manner.

Client: Shryl Samborn

Date

*Don Klier*

*7/25/2023*

Contractor: Justice AV Solutions, Inc

Date

MI Washtenaw County 15th District - Ann Arbor Courtroom 3