



Proposal #

Est. 12056

911 Dispatch Center using Existing CII Processor

City of Aurora

1200 E. Indian Trail
Aurora IL 60505

Prepared for:

Aurora Police Department

1200 E. Indian Trail
Aurora, IL 60505

Prepared by:

Daniel Kment

Issued Date:

05/10/2022

Equipment [\$251,830.38]

Item ID	Description	Qty	Sell	Total
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Video Displays and Extenders

Video Wall Displays

Pla Quote 00066285-2	6x2 LX55X2 with fiber extension	1	\$135,966.00	\$135,966.00
Item ID	Description	Qty	Total	
Pla-998-2665-00	LX55X2-L-F; Clarity Matrix G3 LX55X2 - Fiber Extension. 55in 1920x1080, 500 nit, 1.8mm LCD video wall system. Includes 1 LCD module, required power supply modules, standard video controller electronics, 2km single mode fiber modules, and landscape EasyAxi	12	\$100,740.00	
As of 7/1/21, New product. Replaces LX55X-L-F - 998-2439-00. Available to ship in September.				
PLA-998-2687-00 (FRU)	FRU, LX55X2-L-F LCD Module	1	\$7,220.00	
Used with Matrix G3 LX55X2				
3-1-22: Products Used In Matrix G3 LX55X2				
Pla-750-2174	VC, 4HDMI HSL HDBaseT 4HDMI QSFP HDBaseT	3	\$0.00	
PLA-750-2313	AssyMfg,Matrix G3 SM Fiber Ext	3	\$0.00	
Used with Matrix G3, Matrix G3 LX46U, Matrix G3 LX46X, Matrix G3 LX55U, Matrix G3 LX55X2, Matrix G3 MX55X2, Video Controller, Redundant Power Supply, Fiber Module				
Used in: Matrix G3, Matrix G3 LX46U, Matrix G3 LX46X, Matrix G3 LX55U, Matrix G3 LX55X2, Matrix G3 MX55X2, Video Controller, Redundant Power Supply, Fiber Module				
Pla-750-2192 (Assy)	Assy Mfg, RPS, Dble, 220V Remote Power Supply (RPS), input voltage range 200-240V, equipped with (1) Remote Power Supply Module (RPSM)	2	\$0.00	
Pla-175-0993	Loop Power Cable- 8ft	9	\$567.00	
8-foot (2.5-meter) Interconnect Power Cable - to provide a 48V power connection between 1 display and the next display in a daisy-chained group.				
Pla-955-0677-00	Connector Kit,DC,2wire Pwr,Pri; Kit for field termination of power cables. Includes 10 two-pin connectors; enough to produce 5 primary power cables for Planar Clarity Matrix G3, Leyard DirectLight (DL2 and DLX models).	1	\$84.00	
Kit for field termination of power cables. Includes 10 two-pin connectors; enough to produce 5 primary power cables for Planar Clarity Matrix G3, Leyard DirectLight (DL2 and DLX models).				

Pla-903-1629-00	Single Mode Duplex LC plenum fiber cable, 6561.7ft / 2km spo; OS2 9/125um Single Mode Duplex fiber optic cable with Plenum jacket. 6561.7ft / 2km spool.	1	\$3,500.00
Pla-159-0064-00	UNICAM Single Mode LC terminal; Single pack Corning UNICAM LC terminal with ferrule, boot, trigger and fiber cover for use with OS2 9/125um Single Mode cable. Use Corning termination kit (541-0139-xx). Quantity 4 per terminated Duplex cable required.	64	\$6,720.00
Pla-541-0139-00	Tool, Fiber Termination Kit; Tool, Fiber Termination Kit <i>Pre-polished Kit for field termination of multimode and single-mode LC, SC and ST® compatible connectors. Includes precision flat cleaver, 1.25 and 2.50 mm VFL ferrule adapters and all required fiber preparation, cleaning tools and materials</i>	1	\$4,226.00
Pla-437-2486	ASSY, BRKT, VERT, STD, 55X2	8	\$0.00
Pla-572-5533	SHT MTL,BRKT,HORZ,STD,L,55X2	12	\$0.00
Pla-572-5479-00	Trim, MX_LX55X2-L-Vertical; Cosmetic Trim for Matrix MX_LX55X2-L to cover the left and right edges of the LCD. 2 per row of the video wall. Landscape only.	2	\$126.00
As of 7/1/21, New Product			
Pla-572-5479-00	Trim, MX_LX55X2-L-Vertical; Cosmetic Trim for Matrix MX_LX55X2-L to cover the left and right edges of the LCD. 2 per row of the video wall. Landscape only.	2	\$126.00
As of 7/1/21, New Product			
Pla-572-5477-00	Trim, MX_LX55X2-L-Top; Cosmetic Trim for Matrix MX_LX55X2-L to cover the top edge of the LCD. 1 per column of the video wall. Landscape only.	6	\$504.00
As of 7/1/21, New Product			
Pla-572-5478-00	Trim, MX_LX55X2-L-Bottom; Cosmetic Trim for Matrix MX_LX55X2-L to cover the bottom edge of the LCD. 1 per column of the video wall. Landscape only.	6	\$504.00
As of 7/1/21, New Product			
Pla-530-0952	Screw, MX5,8X8,BHCS,BLK, 25/bag	8	\$0.00
Pla-530-1193	Screw, M4x7x8mm, 5/bag	12	\$0.00
Pla-902-0748-00	Replacement Remote Power Supply Module (RPSM). One RPSM.; (1) Remote Power Supply Module (RPSM) for Remote Power Supply (RPS110 or RPS220). Required to add power redundancy to power supply. Sold per power supply.	1	\$1,050.00

(1) Remote Power Supply Module (RPSM) for Remote Power Supply
(RPS110 or RPS220). Required to add power redundancy to power supply.
Sold per power supply.

Pla-955-0790 (Assy)	Kit, Matrix G3 Accy Kit - US Not Set	1	\$0.00	
Pla-955-0854	Kit, HSL Accy Cable Kit	1	\$0.00	
Pla-750-2172	VC, 4HDMI, DP Loop, CAT Not Set	1	\$3,600.00	
Pla 175-0757	IR extension cable extends the IR signal from the quad controller up to 30 ft. away. Can be combined to reach longer distances.	1	\$105.00	
Pla-955-0807	Matrix G3 Panel Test Kit - US	1	\$420.00	
Matrix G3 Panel Test Kit				
Pla-FRC Rev24	Shipping and Handling	1	\$6,474.00	

Conference Room Displays and Mounts

Pla-998-2765-00	SLM65; 65in diagonal, UHD, D-LED backlight, 500 nit brightness, 16x7 reliability, Android operating system, plastic bezel, speakers, landscape only. 12/2/21: New Product. Replaces SL6564K - 997-9257-00. Available to ship in January.	6	\$1,500.00	\$9,000.00
Pla-998-2766-00	SLM75; 75in diagonal, UHD, D-LED backlight, 500 nit brightness, 16x7 reliability, Android operating system, plastic bezel, speakers, landscape only. 12/2/21: New Product. Replaces SL7564K - 997-9407-01. Available to ship in January.	1	\$3,380.00	\$3,380.00
Pee-SF680	Security SmartMount® Universal Flat Mount For 60" to 98" TV's Security SmartMount® Universal Flat Mount for 61" - 102" Flat Panel Screens Color: BLACK	7	\$279.00	\$1,953.00

Fiber Extenders for Auxiliary Video Displays

Ext-60-1174-11	FOXBOX Tx HDMI MM Fiber Optic Transmitter for HDMI, Audio, and RS-232 - 850 nm Multimode	7	\$2,090.00	\$14,630.00
Ext-60-1174-12	FOXBOX Tx HDMI SM Fiber Optic Transmitter for HDMI, Audio, and RS-232 - 1310 nm Singlemode	7	\$2,610.00	\$18,270.00

Video Processing , Distribution and Control

Display Wall Processors - Quote assumes use (4) available outputs on existing processor to feed 6x2 video wall and (4) 1080p 65" displays

Cin-3004001	CineMassive (1) 4K to (4) HD Video Expander, HDMI Outputs	4	\$3,556.00	\$14,224.00
Cin-3102002	CineMassive CineLink HD IP Video Decoder, 1-Port with HDMI & Audio	1	\$1,000.00	\$1,000.00

DAs to split to signal to (3) auxiliary displays

Ext-60-1607-01	DA2 HD 4K PLUS	3	\$840.00	\$2,520.00
<i>Two Output 4K/60 HDMI Distribution Amplifier</i>				

KVM for viewing and control of rack sources (max 8 sources per KVM)

Mid-RM-KB-LCD17KVMHD	KB W/LCD DIG DSPLY & KVM	1	\$4,767.00	\$4,767.00
<i>1 SPACE (1 3/4") RACKMOUNT KEYBOARD, HD LCD DIGITAL DISPLAY, 8KVM</i>				
Ext-60-1607-01	DA2 HD 4K PLUS	5	\$840.00	\$4,200.00
<i>Two Output 4K/60 HDMI Distribution Amplifier</i>				

Touch panels for video wall processor control

NOTE: Quote one dock per touch panel drop, not one per touch panel

Mic-EAU-00017	Microsoft Surface Pro 8	2	\$715.00	\$1,430.00
Sta-DKT30CHSDPD1	StarTech.com USB C Multiport Adapter USB-C to 4K 60Hz HDMI 2.0, 100W Power Delivery Pass-through, SD/MicroSD, 2-Port USB 3.0 Hub, GbE - USB Type-C Mini Dock - 12" Long Attached Cable - Docking station - USB-C / Thunderbolt 3 - HDMI - GigE	4	\$126.99	\$507.96
Len-4X20M26268	Lenovo 65W Standard AC Adapter (USB Type-C) Power adapter - AC 100-240 V - 65 Watt - for 100e Chromebook (2nd Gen) MTK.2; ThinkPad L13 Gen 2; L13 Yoga Gen 2; T14s Gen 2; X13 Gen 2	4	\$59.99	\$239.96

Audio System

Audio De-embedder for CATV Sources

Audio Summing Cables for OFE Content PCs

Ext-60-804-01	ASA 141	1	\$74.00	\$74.00
<i>Passive Audio Summing Adapter with RCA Inputs and Balanced/Unbalanced Output</i>				
Ext-26-592-01	MSR 6 - 6" (15 cm)	1	\$10.00	\$10.00
<i>Audio Adapter: 3.5 mm Mini Stereo to 2 RCA Female - 6" (15 cm)</i>				

Audio DSP



Your Single Source for Video Wall, Technology and Console Integration

Bia-TesiraFORTE DAN AI	Fixed I/O DSP with 12 analog inputs, 8 analog outputs, 8 channels configurable USB audio, and 32 x 32 channels of Dante	1	\$3,600.00	\$3,600.00
<i>TesiraFORTÉ DSP fixed I/O server with 12 analog inputs, 8 analog outputs, 8 channels configurable USB audio and 32 x 32 channels Dante</i>				

Audio Amplifiers

Ext-60-850-01	XPA 2001-70V	1	\$740.00	\$740.00
<i>One Channel Amp, 200 watts at 70 volts</i>				

8 Speakers - quoted as 4 pairs

Ext-60-1310-03	SF 26CT	4	\$570.00	\$2,280.00
<i>SoundField XD 6.5" Two-Way Ceiling Speaker with 8" Composite Back Can and 70/100 V Transformer, Pair</i>				

Equipment Rack and parts

Re-use existing rack and client rack for OFE Sources

Extron rack shelves and extender mounting brackets

Ext-60-190-01	RSU 129	5	\$158.00	\$790.00
<i>1U 9.5" Deep Universal Rack Shelf Kit</i>				

Rack Power Distribution

Cable and adapters

Bulk Cabling provided by Constant - cable pull labor not included

Bulk Cabling

Wel-T2404L6SHP-black	Description - CAT6 / STP / 550 Mhz / Plenum Cable 1000'	7	\$850.00	\$5,950.00
Lib-10-2C-TTP-WHT	TIGHT TUBE 10/2 CL2P WHITE (1000') <i>Tight Tube Plenum 10 AWG 2 conductor Speaker Cable</i>	1	\$1,370.00	\$1,370.00
Lib-20-2C-PSH-WHT	COMMERCIAL 20/2 OASH CMP WHT <i>Commercial grade general purpose 20 AWG 2 conductor plenum shielded cable</i>	1	\$338.18	\$338.18
Lib-16-2C-TTP-BLK	TIGHT TUBE 16/2 CMP BLACK <i>Tight Tube Plenum 16 AWG 2 conductor Speaker Cable</i>	1	\$465.28	\$465.28
Cov-CLR-DM3-3P-1KB	Fiber Cable, Duplex, OM3, Plenum, 1,000' Box	2	\$1,100.00	\$2,200.00
Cov-CLR-LC-MMFPC-10	Fiber LC Connector, 10 Pack	2	\$247.50	\$495.00

Rack and workstation connection cables

Cable Bundle Estimate Large	Cable estimate for cable plus terminations for install	1	\$6,000.00	\$6,000.00
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Service and Support

ConstantUptime Premier 1st Year Included	Premier Service and Support Agreement Year 1 Included	1	\$15,430.00	\$15,430.00
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ConstantUptime Premier provides 24/7 support for your complete integrated audio-video system, annual preventative maintenance, and rapid response times for high-impact equipment problems that can not be remedied through remote troubleshooting.

ConstantUptime Premier includes:

- Unlimited 24-hour support
- Product-knowledgeable engineers, programmers, and technicians
- Unlimited on-site visits for Level-1 emergencies (after initial troubleshooting)
- 48-hour response time to be on-site for Level-1 emergencies if remote troubleshooting can not resolve the issue
- One (1) annual preventative maintenance and re-training visit
- Optional service pool of on-site critical spare parts
- Management and logistics of manufacturer warranties for all supported equipment
- Maintenance of records for faults and service visits Full functional test of all replacement equipment



**Your Single Source for Video Wall,
Technology and Console Integration**

Equipment Sub Total	\$251,830.38
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Professional Services [\$58,100.00]

Item ID	Description	Qty	Sell	Total
Project Management	Project Management Labor	1	\$3,600.00	\$3,600.00
Engineering and Construction Drawings	Project Engineering and Construction Drawings	1	\$2,400.00	\$2,400.00
Rack Fabrication and Technology Integration	Offsite Rack Fabrication and Technology Integration	1	\$1,500.00	\$1,500.00
Onsite Install	Project Onsite Install Labor	1	\$24,000.00	\$24,000.00
Onsite Commissioning, Testing and Training	Project Onsite System Commissioning Testing and Training	1	\$3,000.00	\$3,000.00
Programming	Custom programming for control systems	1	\$3,500.00	\$3,500.00
Travel	Travel Charges	1	\$16,500.00	\$16,500.00
Project Management Expenses	Project Management Expenses	1	\$3,600.00	\$3,600.00

Professional Services Sub Total	\$58,100.00
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Item Total:	\$309,930.38
Freight:	\$3,500.00
Total:	\$313,430.38



**Your Single Source for Video Wall,
Technology and Console Integration**

Quote Expiration Date: 06/09/2022

Terms: Refer to Scope of Work

Quoted by: Daniel Kment, d.kment@constanttech.com

Issued Date: 05/10/2022

Accepted by: _____



**Your Single Source for Video Wall,
Technology and Console Integration**

Disclaimer

CONSTANT TECHNOLOGIES requires the following items prior to providing a firm schedule: • PURCHASE ORDER • SIGNED DRAWINGS • ACCEPTED TERMS & CONDITIONS • APPROVED FINISHES • DOWN PAYMENT • LOGISTICS INFORMATION SHEET

Parts and final quantities are subject to change post contract award during 100% design review.

CONSTANT TECHNOLOGIES Standard Payment Terms for Invoicing (Taxes Excluded Unless Otherwise Noted):

- 50% due upon order placement
- 50% due upon installation

Purchase Orders, Payments should be sent to the attn of:

Accounting

Constant Technologies, Inc.

Tel: 401-294-7171

email: accounting@constanttech.com

Headquarters Address:

125 Steamboat Avenue

North Kingstown, RI 02852

Office Phone: (401) 294-7171

Fax Number: (401) 294-7505

Website: www.constanttech.com

GSA Contract # GS-03F-073GA

Federal Tax ID# 22-2503954

Dun & Bradstreet# 04-933-5102

NAICS Code: 334310

Cage Code: 1MDG8

Company Type: Corporation

State of Incorporation: New Jersey

Date of Incorporation: October 24, 1983