



PCO #232

Moss & Associates LLC
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Fort Lauderdale, Florida 33309
Phone: (954) 524-5678

Project: B372402 - Hollywood New Police Headquarters
401 S PARK RD
Hollywood, Florida 33021

Potential Change Order #232: Additional Video Wall at RTCC Room

TO:	City of Hollywood 2207 Raleigh Street Hollywood, Florida 33020	FROM:	Moss & Associates LLC - FLL 6363 NW Sixth Way Fort Lauderdale, Florida 33309
PCO NUMBER/REVISION:	232 / 0	CONTRACT:	B372402 - B372402 Prime Contract
STATUS:	Pending - In Review	CREATED BY:	Josh Dryer (Moss & Associates LLC)
SCHEDULE IMPACT:		ISSUED DATE:	11/06/2025
REFERENCE:		PRIME CONTRACT CHANGE ORDER:	None
		TOTAL AMOUNT:	\$155,393.18

POTENTIAL CHANGE ORDER TITLE: Additional Video Wall at RTCC Room

In accordance with the terms and conditions of the Contract, enclosed are the necessary backup documents to support the additional time and/or costs associated with this change proposal. These documents only relate to the specified items of time and/or cost. Any other requests for time and/or costs not specifically addressed herein will be addressed under a separate change order. We respectfully reserve our right to request additional time and/or cost should it become evident that this work will further impact the project's overall time or cost of completion. Any quoted costs for this Potential Change Order (PCO) are valid for fourteen (14) calendar days from submission. Please formally approve this change in the Work and the associated time and/or costs by signing below. Upon approval, Moss & Associates will incorporate this change into the next Prime Contract Change Order (PCCO).

POTENTIAL CHANGE ORDER DESCRIPTION: (The Contract Is Changed As Follows)

This PCO includes the additional cost for the added video wall on the east wall within Room 326 and equipment within Room 328 as requested by the Police Department and as outlined in the attached backup.

ATTACHMENTS:
[PCO 0232 - Backup.pdf](#)

#	Description	Amount
1	Low Voltage: Costs for the additional RTCC video wall to be added at Room 326 and equipment in Room 328.	\$143,735.00
	Subtotal:	\$143,735.00
	01 SDI (1.25% Includes Cost Code (31)):	\$1,796.69
	02 Moss Insurance (1.50% Applies to All Line Items):	\$2,330.90
	03 P & P Bond (1.00% Applies to All Line Items):	\$1,553.93
	04 Fee (4.00% Applies to All Line Items):	\$5,976.66
	Grand Total:	\$155,393.18

City of Hollywood
2207 Raleigh Street
Hollywood, Florida 33020

Moss & Associates LLC - FLL
6363 NW Sixth Way
Fort Lauderdale, Florida 33309



**Proposal
for
Real Time Crime Center
Video Wall**

Submitted on October 3, 2025



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This Proposal Response includes data that shall not be disclosed outside recipient design team and shall not be duplicated, used, or disclosed-in whole or in part-for any purpose other than to evaluate this proposal. If, however, a contract is awarded to this Offeror as a result of-or in connection with-the submission of this data, recipient shall have the right to duplicate, use, or disclose the data to the extent provided in the resulting contract. This restriction does not limit the customer's right to use information contained in this data if it is obtained from another source without restriction. The data subject to this restriction are contained in the sheets marked. All registered trademarks are the property of the associated company.

Scope of Work

- Furnish and install (1) Planar Clarity Matrix G3 LCD video wall on east wall of the Real Time Crime Center (RTCC) room 327
- Furnish and install "Wall Director" video controllers in RTCC server room 328
- Furnish and install remote power supplies (RPS) in RTCC server room 328
- Install additional plywood backboard if required.

Services Included:

- Hanging and alignment of Planar mounting systems.
- Support display cabinet installation and alignment.
- Confirm correct connections to the displays from the controller.
- Training on the configuration applicable to the product installed. Typical of cabinet and canvas mapping, digital seam correction (when available), color temperature, color space, and brightness optimization.
- Create desired layouts supported by hardware configuration. **Note: Sources must be available for completion.**
- Demonstrate how to complete a visual color balance on LCD products.
- Apply any applicable factory-recommended firmware updates.

Price: \$143,735.00

- Proposal prices includes labor and materials.
- Includes (2) pre paid service calls from Planar Pro Services
- Sales tax is excluded with customer supplied sales tax exemption certificate

Prices Quote are valid for 30 days. Current lead time is 7-9 weeks



Clarity Matrix G3

LCD Video Wall System

- ▶ 55" Full HD LCD displays
- ▶ Tiled bezel widths as narrow as 0.88mm
- ▶ 500 - 700 nit brightness
- ▶ 24x7 operation



Clarity® Matrix® G3 LCD Video Wall System is the gold standard, marrying superior visual performance and mission-critical reliability with the industry's narrowest bezels between adjacent displays, for a nearly seamless solution. It has industry's thinnest ADA-Compliant profile, proven off-board electronics, strong video processing and convenient service access.

Clarity Matrix G3 addresses the challenges faced by all LCD video wall installations including mounting and alignment, reliability and extended operation, service and maintenance access and simple, effective image processing and management.

Always-On Reliability

Clarity Matrix G3 is designed for mission-critical environments where displays need to withstand extended or continuous operation day and night. Control rooms, hospitals and other applications that can't afford downtime benefit from exceptional performance 24x7.





Powerful Video Control

The compact and scalable Planar® WallDirector™ Video Controller drives the video wall at native resolution while its corresponding web-based management software simplifies set-up, configuration, operation and monitoring.

The 1U rack mount video controller captures multiple 4K inputs and can be stacked with additional controllers.



Reliable Off-Board Power

The Planar® Remote Power Supply (RPS) takes heat, depth, noise, weight, service points and electrical outlets away from the video wall and into a rack room. Featuring n+1 redundant, hot swap power modules, the Planar RPS is available with 110V and 220V power and features a low power standby mode when not operating 24x7.



Advanced Processing

Planar® Big Picture Plus™ Video Wall Processing enables users to simultaneously view ultra-high resolution content from several independent sources, scaling content across the entire video wall or any section. It also facilitates Picture-in-Picture.

Source Synchronization

Planar® WallSync™ uses Smart Genlock to automatically ensure perfectly synchronized video playback without manual configuration.



Convenient Mounting

Planar® EasyAxis™ Mounting System features six-axis adjustments for perfect alignment in any array, for precise tiled images. For simplified service, it incorporates a service mode for front and rear in-wall display repair, without removing other displays.



Made for America

Organizations that prefer to use products that have been manufactured in the United States or countries designated in the U.S. Trade Agreements Act (TAA) need look no further. Clarity Matrix G3 is TAA Compliant.



Enable Interactivity

The optional Clarity® Matrix® MultiTouch LCD Video Wall System offers 32 simultaneous touch points and sizes up to a 350" diagonal, enabling multiple users to interact. It delivers a superior touch experience with pin-point accuracy and false touch point prevention. It is available in standard 2x2 or 3x3 video wall arrays in 16:9 aspect ratio for popular content resolutions. Custom configurations are also available.



Extended Ruggedness & Optics

Optional Planar® ERO-LCD™ (Extended Ruggedness and Optics™) protective glass can be bonded to the front surface of the display using a proprietary process that creates a highly durable display surface that withstands rigors of high-traffic and interactive environments. It also delivers up to 300% more perceived contrast.

Off-the-Shelf Video Walls

Clarity® Matrix® G3 Complete™ is a pre-packaged LCD video wall solution that combines everything necessary to more-quickly select and deploy a 0.88mm tiled bezel width LCD video wall. This packaged solution removes the challenge of separately collecting everything; simply pick the 4K 2x2, 6K 3x3 or 8K 4x4 array that works best in the application.

INCLUDED

- 55", 0.88mm Tiled Bezel Width Displays
- Planar WallDirector Video Controller
- Power Supply Electronics
- Mounts
- Cables
- Trim



Configure a Video Wall

If none of the Clarity Matrix G3 Complete video walls is quite right, custom arrays of Clarity Matrix G3 with different bezel widths and brightness are available.

Design a video wall at www.planar.com/calculator



Specifications

Model	LX55M/MX55M	LX55X3/MX55X3
Diagonal	55in / 1,397mm	55in / 1,396mm
Tiled Bezel Width	0.88mm 0.04in	2.6mm 0.10in
Brightness (cd/m² or nits)	LX: 500 / MX: 700	LX: 500 / MX: 700
Contrast Ratio	10,000:1 (local dimming on) 1,100:1 (local dimming off)	
Display Dimensions (w/ mount, WxHxD)	47.6 x 26.8 x 3.6in (1,210.5 x 681.2 x 91.3mm)	47.7 x 26.9 x 3.6in (1,212.2 x 683.0 x 90.9mm)
Display Weight L P (w/ mount)	47lbs / 21.1kg 49lbs / 22.4kg	50.6lbs / 23.2kg 53.5lbs / 24.1kg
Power Consumption (Max/display)	LX: 235W / MX: 235W	LX: 150W / MX: 182W
Heat Load (Max/display)	LX: 802 BTU/hr / MX: 802 BTU/hr	LX: 512 BTU/hr / MX: 768 BTU/hr
Mounted Depth (wall to display face)	3.6 in / 91.3 mm	3.6 in / 90.9 mm
Display Resolution	1920 x 1080	
Cat6A STP Cables/Connectors	Required (Fiber installations excluded)	
Full Viewing Angle	178°	
Backlight Sensing and Reporting	At Display Level	
Display Module Position Sensing	Yes	
Acoustic Noise at Display	Fanless/Noiseless	
Operating Temperature/Humidity	5° to 40° C 41° to 104° F (20-90% relative humidity, non-condensing)	
Protective / Touch Glass Option	Planar ERO-LCD technology (Optional)	

Mounting

Mounting Solutions	Planar EasyAxis Mounting System (1 per display included) VESA hole pattern available (Optional)
ADA Compliance	Yes, clearance from wall <4in
Orientation	Landscape or Portrait
FloorStanding Mount Bases	Optional
In-Wall Service	Front and Rear
Display Module Position Adjustment	6-axis integrated adjustments

Planar Remote Power Supply

Type	RPS110	RPS220
Type	1RU rack mount; 19in (482.6mm) rack	1.5RU rack mount; 19in (482.6mm) rack
Line Voltage	100-240 Volts AC autoranging	200-240 Volts AC autoranging
Power Output	1200W per output	
Power Supply Configurations	1, 2 or 3 outputs	2, 4 or 6 outputs
Redundancy	n + 1 redundant option	
Hot Swap	Supported for each power supply module	
Low Power Standby Mode	<3W in standby mode	
Power Status	Diagnostic LEDs per power supply module	
Maximum Distance from Video Wall	200ft (60m) standard, 500ft (152.4m) maximum	

Planar WallDirector Video Controller

Type	1U rack mount controller drives up to 9 Full HD (1920x1080) panels
Video Inputs	4x HDMI 2.0 (w/ HDCP 2.2); 1x DisplayPort 1.2 (VC9 only)
Video Outputs	9-Output Controller: 9x RJ45 8P8C, 1x DisplayPort 1.2 4-Output Controller: 4x RJ45 8P8C, 1x High Speed QSFP+
Image Scaling	Planar Big Picture Plus Processing, Planar WallSync, PiP, 4K at 60Hz upscaling and downscaling
Mullion Compensation	Integrated with pixel by pixel adjustments
Control	IR Remote Control, RS-232, USB, Network, Planar WallDirector Software
Controller Status	Diagnostic LEDs, health monitoring and alerts
Maximum Distance from Wall	200ft (60m)

Fiber Video Extension Module Option

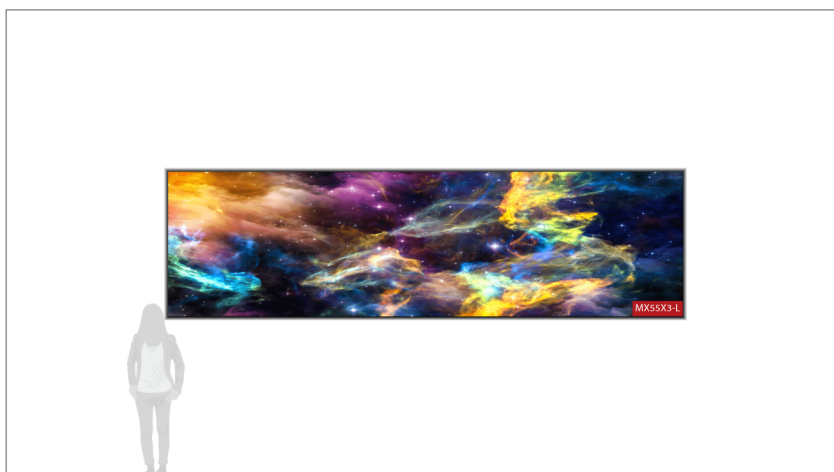
Type	1U rack mount module drives up to 4 displays
Fiber Optic Connection Type	10G Duplex LC SFP+ single mode transceivers supporting distances up to 10km (32.8kft) (Single mode transceivers supporting 2km (6500ft) included) from video wall. Compatible with multi mode transceivers supporting up to 300m (980ft) from the wall. (Multi mode transceivers not provided)
USB Extension	USB-B at module; USB-A at panel
IR Remote Extension	Embedded
Power	Powered by the Remote Power Supply. Optional AC Power Adapter available when the Fiber Module is located away from the Remote Power Supply.



DATE: 8/27/2025

PROJECT: Video Wall Project Summary

DESIGN 1



4W x 2H

ABOUT PLANAR

Planar is a global leaders in leading-edge video wall display technology, providing premier LED and LCD video wall solutions for the world's most demanding applications with the highest performance requirements.

FOR MORE INFORMATION:

866-475-2627

sales@planar.com



SPECIFICATION DATA 1

DESIGN 1

Product Family Clarity Matrix G3 LCD Video Wall System

Product Model MX55X3-L

Video Controller Model VC9H-BP+

Total Number of Panels/Cabinets (Displays) 8

Total Number of Display Mounts 8

Video Wall Configuration 4W x 2H

Display Orientation Landscape

Display Brightness (nits) 700

Redundant Signal Configured N/A

Redundant Power Configured Yes

Fiber Option Configured No

MultiTouch Option Configured No

ERO™ Option Configured No

Video Wall Dimensions

Video Wall (width/height/depth) (ft) 15.92 W x 4.5 H x 0.29 D

Active Display (width/height/depth) (ft) 15.91 W x 4.48 H x 0.29 D

Active Display Area (ft²) 71.33 ft²

Active Display Diagonal(in) 198.38

Total Resolution (W x H) 7680 x 2160

Distance From Controllers to Video Wall (ft) 125.0 ft

Distance From Remote Power Supply to Video Wall (ft) 125.0 ft

Video Wall Weight

Total Wall Weight (Displays) (lbs) 344

Total Weight (Mounts) (lbs) 66.8

Total Weight (Options) (lbs) 11.36

Power

Power Voltage Range (VAC) 120

Max Product Input Current (Amps AC) 15

Max Displays Per Power Chain

120VAC@15A 4

240VAC@16A 4

Remote Power Supplies Yes

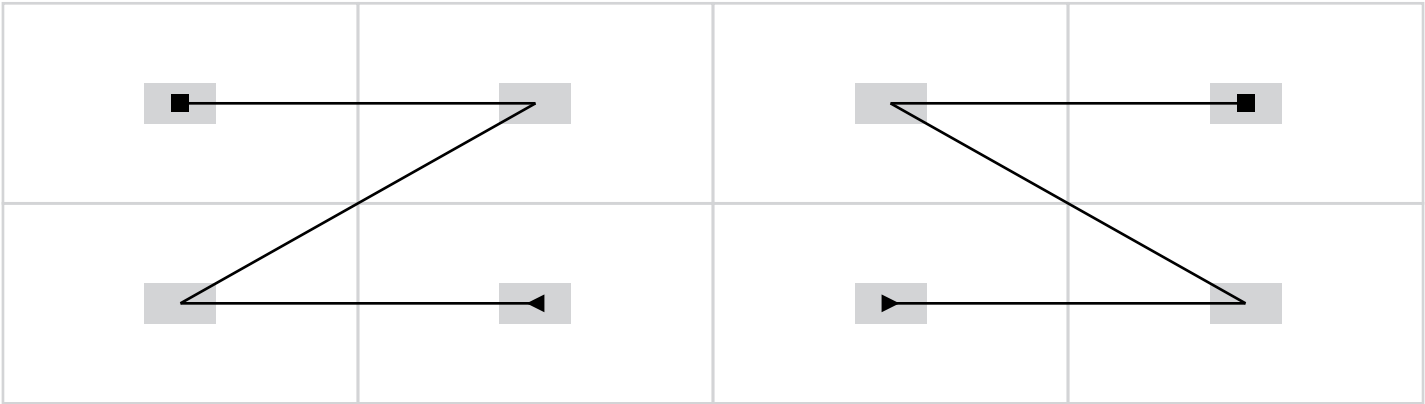
External Components - Video Wall

Video Receiver Type CATx

Video Receiver Quantity N/A

DESIGN 1

2
2175
5869
931



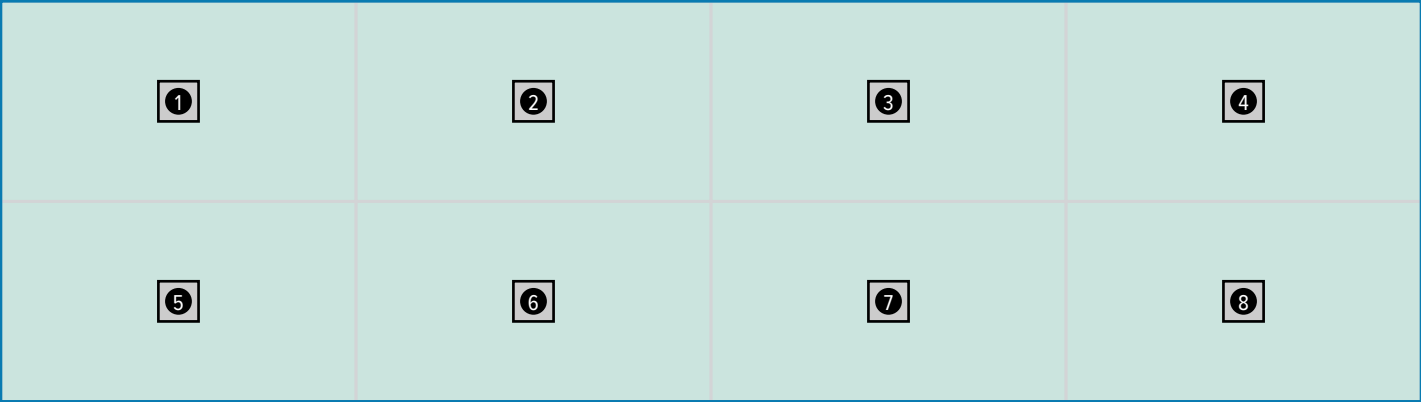
This diagram represents the suggested Primary Power Cable starting point and Loop Cable routing connections. Your installation may vary. Please consult with the Installation Guide or contact Planar for additional information.

Not Executed

POWER CABLE LEGENDS

- Loop Power Cable Input/Output
- Primary Power Cable Routing End Point
- Loop Power Cable Input/Output
- Loop Power Cable

Note:
This diagram represents the suggested Primary Power Cable starting point and Loop Cable routing connections. Your installation may vary. Please consult with the Installation Guide or contact Planar for additional information.



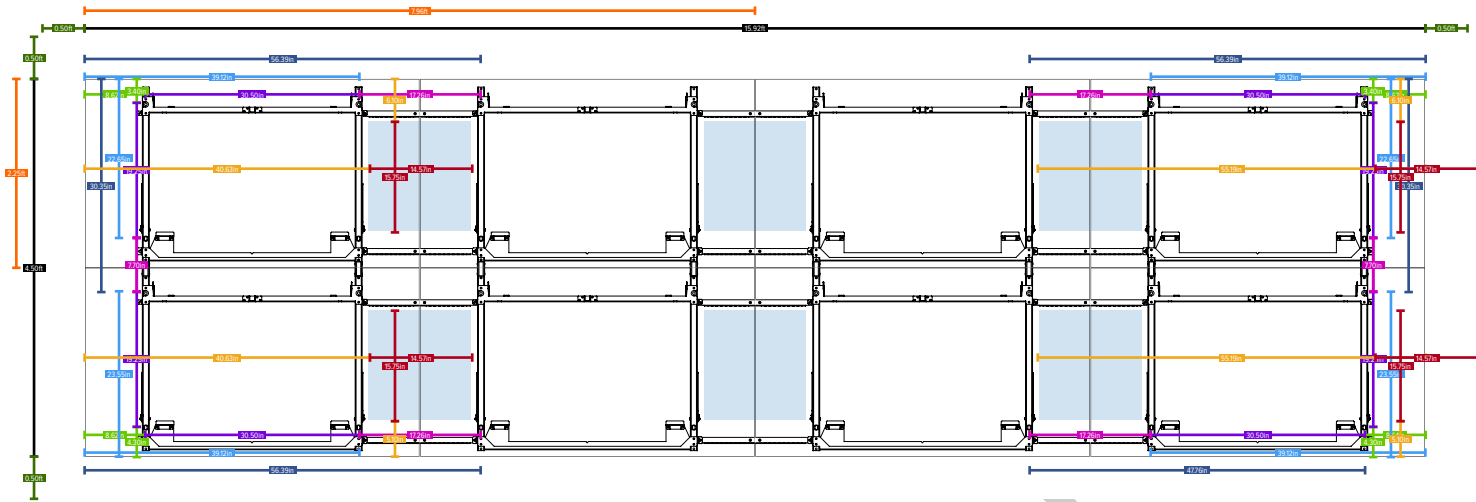
This diagram represents an optional Video Controller and/or Fiber Module grouping and video cable connections. Your installation may vary. Please consult with the installation guide or contact Planar for additional information.

Not Executed

VIDEO CABLE LEGENDS

- Video Cable Input
- Colored areas denote the group of Displays controlled by Individual Video Controller Modules
- Circles represent the Output Ports of the Video Controller
- Note:

This diagram represents the suggested Video Controller and/or Fiber Module grouping and video cable connections. Your installation may vary. Please consult with the Installation Guide or contact Planar for additional information.



This diagram represents the approximated Design Dimensions and Mounting Points for the configured video wall. Your installation may vary. Please consult with the Installation Guide or contact Planar for additional information.