

# Scope of Work



## PCO 4

This PCO includes changes in the lighting system based on the new architectural design of the theater.

1. We removed some fixtures and added others including their associated interconnect cables.
2. After reviewing the existing equipment rack and the new AV Control Booth we have added three new racks. One 44RU rack and two 18RU racks. This is due to the limitation of the space.
3. We also added a new expansion controller (CEN-C13) with associated relay cards. We changed the design after taking the existing stage rack and see that the rack power is controlled via relays.

# PRICING



## Stage Red Theater: Venue

-2000	<b>1694A 0101000</b> 75 Ohm SDI Coax, RG-6, 18 AWG, Solid BC, Foil + 95% TC Braid, PVC Jkt, CMR - 1000 Feet	(\$1.01)	(\$2,020.00)
-50	<b>1694ABHD1</b> CONN, 1PC, RG6 BNC HD - Chrome, Bright	(\$4.32)	(\$216.00)
4	<b>DMX-AN2</b> Multi-purpose Art-Net/sACN node that converts 1 Ethernet cable to 2 DMX universes.	\$170.53	\$682.12
5	<b>DMX 5 Pin 100ft</b> 100 Ft. DMX 5 pin Datasure DMX-2PR (NC5FXX-B - NC5MXX-B) Black / Gold	\$96.60	\$483.00
15	<b>DMX 5 Pin 10ft</b> 10 Ft. DMX 5 pin Datasure DMX-2PR (NC5FXX-B - NC5MXX-B) Black / Gold	\$30.45	\$456.75
10	<b>DMX 5 Pin 25ft</b> 25 Ft. DMX 5 pin Datasure DMX-2PR (NC5FXX-B - NC5MXX-B) Black / Gold	\$41.21	\$412.10
5	<b>DMX 5 Pin 50ft</b> 50 Ft. DMX 5 pin Datasure DMX-2PR (NC5FXX-B - NC5MXX-B) Black / Gold	\$59.85	\$299.25
40	<b>DMX 5 Pin 5ft</b> 5 Ft. DMX 5 pin Datasure DMX-2PR (NC5FXX-B - NC5MXX-B) Black / Gold	\$30.00	\$1,200.00
18	<b>R20</b> 120V Dual 20A Relay Module	\$548.10	\$9,865.80
45	<b>PowerCON Ext. Cable 10ft</b> 10 Ft. SJO 12/3 PowerCON Male - PowerCON Female Power Cable	\$42.00	\$1,890.00
10	<b>PowerCON Ext. Cable 15ft</b> 15 Ft. SJO 12/3 PowerCON Male - PowerCON Female Power Cable	\$67.72	\$677.20
10	<b>PowerCON Ext. Cable 20ft</b> 20Ft. SJO 12/3 PowerCON Male - PowerCON Female Power Cable	\$69.30	\$693.00
30	<b>PowerCON Ext. Cable 5ft</b> 5 Ft. SJO 12/3 PowerCON Male - PowerCON Female Power Cable	\$32.40	\$972.00

<b>10</b>	<b>True1 Male to Female Power Cable 10ft</b> 10 Ft. SJO 12/3 True1 Male - True1 Female Power Cable	\$49.35	\$493.50
<b>5</b>	<b>True1 Male to Female Power Cable 15ft</b> 15 Ft. SJO 12/3 True1 Male - True1 Female Power Cable	\$63.00	\$315.00
<b>30</b>	<b>True1 Male to Female Power Cable 5ft</b> 5 Ft. SJO 12/3 True1 Male - True1 Female Power Cable	\$36.75	\$1,102.50

**Stage Red Theater: Venue Total** **\$21,778.22 \***

**Stage Red Theater: Venue: New Control Booth (109)**

<b>13</b>	<b>SDI - BNC Cable Belden 4855R Mini RG59 (25ft, Black)</b> 12G 4K HD SDI BNC - BNC Cable Belden 4855R Mini RG59 (25ft, Black)	\$68.40	\$889.20
<b>3</b>	<b>SDI - BNC Cable Belden 4855R Mini RG59 (3ft, Black)</b> 12G 4K HD SDI BNC - BNC Cable Belden 4855R Mini RG59 (3ft, Black)	\$32.01	\$96.03
<b>23</b>	<b>SDI - BNC Cable Belden 4855R Mini RG59 (6ft, Black)</b> 12G 4K HD SDI BNC - BNC Cable Belden 4855R Mini RG59 (6ft, Black)	\$35.75	\$822.25
<b>60</b>	<b>4794R 0102500</b> 4K UHD Coax for 12G-SDI, 75 Ohm, Series 7, 16 AWG Solid SC, Tri-Shield, PVC Jkt, CMR - Black	\$2.39	\$143.40
<b>2</b>	<b>4794RBUHD1 B50</b> 12 GHz Series 7 BNC Connector - 50 PAK	\$225.60	\$451.20
<b>1</b>	<b>CONVNTRM/YA/RSH</b> Teranex Mini converter - rack shelf	\$110.01	\$110.01
<b>2</b>	<b>ERK-2128LRD</b> 21 RU ERK Series Rack, 28 Inches Deep without Rear Door	\$624.00	\$1,248.00
<b>1</b>	<b>PDT-1015C-NS</b> Power Strip, Low Profile Vertical Power Strip, 10 Outlet, 15A	\$138.01	\$138.01
<b>4</b>	<b>TD2</b> 2space Textured Drawer	\$162.00	\$648.00
<b>1</b>	<b>UPX-RLNK-2000R-8</b> NEXSYS™ 2000VA, 20 Amp UPS Backup Power System with RackLink™, Individual Outlet Control	\$2,040.00	\$2,040.00
<b>1</b>	<b>WRK-44-32</b> 44 RU WRK Series 24-1/4 Inch Wide Rack, 32 Inches Deep	\$1,339.15	\$1,339.15
<b>1</b>	<b>MZ-V8P2T0B/AM</b> 980 PRO PCIe 4.0 NVMe SSD 2TB	\$155.99	\$155.99
<b>1</b>	<b>WB-800-IPVM-12</b> 800 Series IP Power Conditioner - 12 Individually Controlled & Metered Outlets	\$609.62	\$609.62

**Stage Red Theater: Venue: New Control Booth (109) Total** **\$8,619.16 \***

**Stage Red Theater: Venue: Stage Left (114)**

<b>1</b>	<b>AH-ME-U</b> 10 Port PoE Monitor Hub, onboard network port, Optional I/O compatible with Dante, Waves SG, MADi, ES, Aviom A-Net, Plug N Play with A&H Qu, SQ, GLD & dLive Consoles	\$2,078.34	\$2,078.34
<b>1</b>	<b>SOC-4</b> Modular Analog Output Card For Tesira Server And Server-Io Device	\$238.80	\$238.80
<b>3</b>	<b>C3RY-16</b> 3-Series Control Card – 16 Relay Ports	\$462.00	\$1,386.00

	<b>CEN-CI3-3</b>		
1	3-Series Control Processor Card Interface 3 Slot	\$1,188.00	\$1,188.00
	<b>TD3</b>		
2	3space Textured Drawer	\$179.40	\$358.80
<b>Stage Red Theater: Venue: Stage Left (114) Total</b>			<b>\$5,249.94 *</b>

\* Subtotals do not include Tax, Shipping and Misc. charges. Refer to project summary

## Project Summary

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Equipment:	\$31,237.90
Miscellaneous: Sales	\$936.86
Tax:	\$2,493.55
Shipping:	\$750.00
Labor: Change order	\$9,938.40
Labor:	-\$6,887.50

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**Grand Total:****\$38,469.21**

Sales tax is calculated based on the current sales tax and it is subject to change

## Payment Schedule

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**Amount**

Initial Deposit	\$17,311.14
Progress Payment - 50% progress	\$9,617.30
Progress Payment - 80% progress	\$9,617.30
Final Payment	\$1,923.47

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**Client: City of Fontana**

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**Contractor: Matrix Audio Visual Designs, Inc.**

CSLB #: 765990

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**Name:**

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Hovik Mirzakhonian**Name:**

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**Date**

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**Date**