

Item	Qty	Mfg.	Part #	Description
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Section I - Auditorium Theatrical Lighting Control System

1.1	1			Unison Rack Enclosure (DR-1+AP) to contain: Dimmer enclosure for 6 modules - Designed for 3 phase, 4 wire and ground operation at a maximum of 100A, 120/208V Paradigm Architectural Control Processor Paradigm Station Power Module Dual 10A Electronic Reverse-Phase Dimmer Module (12 dimmers) Air Flow Module
	1	ETC	DRd6-12-120	
	1	ETC	P-ACP	
	1	ETC	P-SPM	
	6	ETC	ELV10	
	4		AFM	
1.2	1	ETC	IQ48	ETC Sensor IQ (MBRP-1) with 48-20A single pole intelligent breaker with relay, DMX interface, Net interface, timeclock, surface mount front door, Single phase 120V IQ Main Breaker Kit - 400A
1.3	1	ETC	EBDK	Emergency Transfer Accessories Emergency Bypass Detection Kit
	1	ETC	EDDK-SWITCH	Emergency Bypass Detection Kit Switch
1.4	1	ETC	ELV10	Spare Modules Dual 10A Electronic Reverse-Phase Dimmer Module (2 dimmers)
	5	ETC	IQ SM B20	Sensor IQ 120V 20A single pole intelligent breaker with relay

Section II - Auditorium Theatrical Lighting Control System

				Note: Hardware and output upgrades are no longer available for legacy Ion consoles. New console listed below.
2.1	1	ETC		ETC Ion Xe 20 with 2048 Outputs - ships with keyboard and mouse, mousepad, (2) DVI adapters, LED gooseneck lamp, locking power cord, dust cover and Augment3d AR target kit.
	2			22" LED Touch Screen Monitor - with VGA/DVI input. Viewsonic, Dell or equal.
2.2	1	ETC	DWR-24-26	Lighting Control Equipment Rack (LCR) Middle Atlantic Rack DWR Series with front door, power quad box and blank panels to fill
	1	ETC		FURMAN PL-8C - Rack-mount Dimmable Light Module / Power Conditioner
	1	ETC		Cisco 24-port POE Ethernet Switch
	1	ETC		Patch Panel
	24	ETC		CAT5e Patch Cables
	1	ETC	BR2	Middle Atlantic Brush Grommet Panel, 2U
	2	ETC	RSN-TERM	ETC Response DMX Gateway, 4-ports with shared rack mount kit -- E4
	2	ETC	RSN-TERM	ETC Response DMX Gateway, 4-ports with shared rack mount kit -- E8
	1	ETC	D3	Middle Atlantic 3 rack unit drawer with black anodized finish
	1	ETC	MAP 1000R	UPS 1000R
2.3	1	ETC	ECPB NET/NET/NET/DMX	Control Plug-In Stations Type CC1: ETC Control Plug In Station with 3-Net receptacles, 1-DMX input receptacle, surface mount outlet box -- 101
2.4	1	ETC	ECPB NET	Type ET: ETC Control Plug In Station with 1-Net receptacle --- 123
2.5	1	ETC	ECBP NET/NET	Type ET2: ETC Control Plug In Station with 2-Net receptacle -- 124
2.6	4	ETC	RSN-DMX1-O-P-4	Response Mk2 Portable DMX Gateway with 1-ports, c-clamp, safety cable, 10' Net control cable, DMX turnaround
2.7	1	ETC	P-TS7-PE	Architectural Control Stations ETC Portable Paradigm 7" LCD Touchscreen Station with 25' lead cable
2.8	12	ETC	UH10002	Type EP: Unison Heritage Architectural Control Station single gang with 2-button -- 125-132, 134, 135, 136, 137

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2.9	1	ETC	UH40712	Type FP: Unison Heritage Architectural Control Station with 12-buttons, 7-fader, surface mount back box -- 133

Section III - Auditorium Theatrical Lighting Portable Dimmers Distribution

3.1	24	ETC	ES750-B	ETC ES750 Black with Edison Input and Stage Pin Output connectors includes C-Clamp and Safety Cable. 10' DMX Cable
	24	TMB	DMX	
3.2	6	Lightronics	XC62	Lightronics XC-62 6 Channel DMX Portable Power Pack with Edison outputs. C-Clamp 10' DMX Cable <i>ETC Smart Module and Smart Bar are no longer manufactured.</i>
	6	LS	MAB	
	6	TMB	DMX	

Section IV - Auditorium Theatrical Lighting Power Distribution

4.1	2	ETC		Type BR1: ETC Surface Mount Outlet Box with 2-20A duplex Edison receptacles --- 119, 120
4.2	3	ETC		Type BR1D: ETC Surface Mount Outlet Box with 2-20A duplex Edison receptacle, 1-DMX receptacle -- 121, 115, 116
4.3	3	ETC		Type BR1E: ETC Surface Mount Outlet Box with 2-20A duplex Edison receptacle, 1-Net receptacle --- 117, 118, 122
4.4	4	ETC		Type SP2: ETC Connector Strip 10' long with 6-20A Edison connector wired on 18" pigtails --- 103, 105, 107, 109
4.5	2	ETC		Type SP2E: ETC Connector Strip with 6-20A Edison connector wired on 18" pigtails, 1-Net receptacle, 1-DMX receptacle --- 104, 108
4.6	2	ETC		Type SP2DE: ETC Connector Strip with 6-20A Edison connector wired on 18" pigtails, 1-Net receptacle, 1-DMX receptacle -- 102, 106
4.7	5	ETC		Type SP4DE: ETC Connector Strip 60' long with 12-20A Edison connector wired on 18" pigtails, 1-Net receptacle, 1-DMX receptacle -- 110, 111, 112, 113, 114 ETC Grid Iron Junction Box with 5-20A circuit capacity ETC Grid Iron Junction Box with NET (XLR) / DMX (XLR) PROPLEX PC224P - DMX Data cable (1 run of 55') per electric PROPLEX NET - NET Data Cable (1 run of 55') per electric 12/14 SO - 12 gauge, 14 conductor SO Multicable (1 run of 55') per electric with (2) Kellems Grips, (1) single-eye pickup, (1) cable cradle
	5	ETC		
	5	ETC		
	5	ETC		
	5	ETC		
	5	ETC		

Section V - LED Stage Lighting Fixture and Accessories

5.1	70			ETC ColorSource Spot Engine with shutter barrel, c-clamp, power pigtail with Edison connector (Lens Tubes are existing)
5.2	40	ETC		ETC ColorSource Par with deep blue LED array, c-clamp, safety cable, barn door, power pigtail with Edison connector Medium Spread Lens Wide Spread Lens
	40	ETC	SELRM-7.5	
	40	ETC	SELWM-7.5	
5.3	11	Altman		Altman Spectra Cyc 200 with RGBA LED array, yoke, c-clamp, power pigtail with Edison connector
5.4	2	Canto	Astro 600	Canto Astro 600 - 600w LED Followspot with stand Canto Caster Kit
	2	Canto	7201285	

Item	Qty	Mfg.	Part #	Description
5.5	15	City Theatrical	CT2150	Accessory Package
	25		Safety Black	City Theatrical Pattern Holder, Size A
	1			Safety Cable, black (spare) Lens Storage Bin
5.6	90	Lex Products	DMX-5P-10	DMX Control Extension Cables
	40	Lex Products	DMX-5P-15	10' DMX Control Cable (qty per Bid RFI -001 #A2)
	15	Lex Products	DMX-5P-25	15' DMX Control Cable
	10	Lex Products	DMX-5P-50	25' DMX Control Cable 50' DMX Control Cable
5.7	10	Lex Products	CAT5-EC-5	Ethercon Control Extension Cable
	10	Lex Products	CAT5-EC-10	5' Cat5 Control Cable with Ethercon connectors 10' Cat5 Control Cable with Ethercon connectors
5.8	90	Lex Products	PE700J-10-PCN	PowerCon Extension Cable
	40	Lex Products	PE700J-15-PCN	10' Extension Cable with PowerCon connectors
	15	Lex Products	PE700J-25-PCN	15' Extension Cable with PowerCon connectors 25' Extension Cable with PowerCon connectors
5.9	2	SSRC	8x8 TP	Tormentors SSRC 8x8 Tormentor constructed in 1-1/2" ID schedule 40 black pipe

Section VI - Architectural Lighting Fixtures

6.1	104	CantoUSA		CantoUSA Retro R500 with 26-degree reflector, mogul adapter, 3500k color temperature
6.2	27	CantoUSA		CantoUSA Retro R700 with 26-degree reflector, mogul adapter, 3500k color temperature

Section VII - Services:

7.10	1			Delivery: Theatrical Contractor shall deliver and unpack the theatrical lighting fixtures detailed herein.
	1	ETC	3.7.A	Training: Provide 12 hours of training in three separate sessions. --- ETC includes System training is included as specified in 110640-3.7