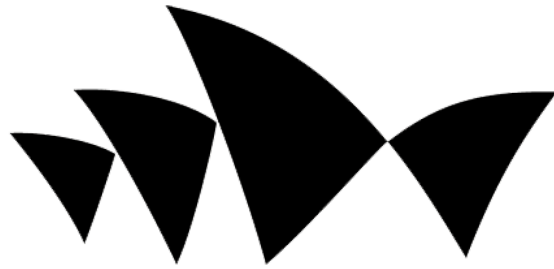


DUNGEONS & DRAGONS
THE TWENTY-SIDED TAVERN



SYDNEY OPERA HOUSE

LIGHTING EQUIPMENT SHOP ORDER

REVISION A02 - 11 NOVEMBER 2024

FOR BID ONLY



I. Lighting Team

Lighting Designer:	Mike Wood
Programmer:	
Production Electrician:	
Production Manager:	Jack Thompson +61 409. 500. 163

II. Venue

Studio Theatre
Sydney Opera House
Bennelong Point
Sydney, NSW, Australia

III. Show Dates

Shop Prep:	TBD
Load In Begins:	2 December 2024
Tech:	3 December 2024 - 17 December 2024
Opening Night:	18 December 2024
Closing Night:	08 March 2025

IV. General Responsibility

DRAWINGS REPRESENT VISUAL CONCEPTS AND CONSTRUCTION SUGGESTIONS ONLY. THE DESIGNER IS NOT QUALIFIED TO DETERMINE THE STRUCTURAL OR ELECTRICAL APPROPRIATENESS OF THIS DESIGN AND WILL NOT ASSUME RESPONSIBILITY FOR IMPROPER IMPLEMENTATION. THE DESIGN WILL BE INSTALLED ACCORDING TO THE MOST STRICT LOCAL AND NATIONAL SAFETY CODES.

V. Notes

- No substitutions without prior approval of the Lighting Design Team -

This list supersedes any previous issues as of 28 October 2024

- Entire package to be made ready by shop and to include all lamps, connections, cables, c-clamps, side arms, pipe, bases, controls, color frames, iron, ladders, cable, multicable, feeder, distribution panels, plug boxes, stiffeners, work lights, pattern holders, donuts, and zetex, etc. for a complete working system.
- All cabling and connector requirements, controllers, power distribution and rigging elements for a complete working system to be specified by Production Electrician. All methods and techniques of electrification subject to approval by Production Electrician.
- All methods and techniques of rigging and automation subject to approval by Production Manager.
- Provide all units with lamp, clamp or mounting hardware, standard color frame, and safety cable unless otherwise noted.
- All equipment, including rigging hardware and accessories, shall be a uniform flat black.
- All Template units are to have “sandwich” style gobo holders. All templates are size A.
- All Moving Lights to be supplied with new lamps and optimized in shop and prepped by shop including installation of any gobos and color.
- Provide all control interfaces necessary for a full working system.
- All Electronics are to have the latest software unless otherwise specified.
- Any modifications to accessories and or units to be done in shop to ensure proper fit and operation.
- Abbreviations used throughout:
 - i. LD - *Lighting Designer*
 - ii. PM - *Production Manager*
 - iii. SHOP - *Lighting Rental Shop*
- **Spares ARE included in this order.**

**For further information or questions regarding these specifications, please
contact:**

LD, Mike Wood at //

LIGHTING EQUIPMENT LIST

I. Lighting Control

Item	Needed	Spare	Total
ETC Eos GIO Lighting Console - Backup & Show Run	1	0	1
Eos Motorized Fader Wing 20 - Show Run	1	0	1
ETC Eos RPU - Primary Console	1	0	1
24" Dell P2418HT Flat Panel HDMI Monitors (4) Lighting Designer * (3) Lighting Programmer * (2) Main Console (Remains with Show) (3) Stage Management, Video, & Show Control (Remains with Show)	10	0	10
ETC Nomad Puck (Latest Generation) w/ Keyboards and Mice *NO TRACKBALLS* (2) Lighting Designer * (1) Show Control (Remains with Show)	3	1	4
Vesa 100 Dual Stack Monitor Stand or Similar *	4	0	4
Adderlink XDIP KVM Station (For Vor) * (3) W/ Wired Keyboard & Mouse	3	0	3
ETC Response SMPTE Gateway w/ Rack Ears	1	1	2
ETC Response MIDI Gateway w/ Rack Ears	1	1	2

*** Indicates for PRODUCTION PERIOD ONLY**

II. Data, Networking, and Power Distribution

Item	Needed	Spare	Total
Per Production Electrician			

III. Vor / Show Archive System

Item	Needed	Spare	Total
Apple Mac Mini M2 Processor Minimum 1TB Hard Drive Minimum 16GB RAM Minimum Latest MacOS Operating System Keyboard & Mouse	1	0	1
24" Dell P2418 HT Monitor HDMI Cable Power Cable	1	0	1
USB-C Network Interface Adapters Generic/Gigabit adapters for Mac Mini	2	1	3
Blackmagic UltraStudio Mini Recorder 3G	1	1	2
Blackmagic SDI Audio Embedder	1	1	2
Generic SDI, Thunderbolt, & Network Cables	Lot		
Camera - FOH Color Recommended Camera is Panasonic BGH-1 <i>Can sub for in-house FOH camera</i> **Designer will provide BGH-1 for tech period** SDI Cable as necessary Provide Lighting Network Connection at Camera Location	1	0	1
Vor Production License (Monthly or Weekly)	1	0	1
Adderlink XDip KVM (Tech Period Only)	Per departments		

- Show archival system uses multiple NICs to connect to all production networks as well as the internet. Daily show Vor archives are taken and backed up using Google Drive.

IV. Moving Lights

Item	Needed	Spare	Total
Martin Mac Viper Performance	7	0	7
Martin Mac 250 Entour	10	1	11
Martin Mac 250 Wash	12	2	14
Martin Mac 101 CT	6	0	6

- All Moving Lights to be the same generation with the same and latest software/firmware.
- All Moving Lights to be prepped by shop including loading of all non-stock templates.
 - Vipers receive 1 custom gobo (D20 - see perishable list)
- Moving Lights to be provided with spares and repair parts to allow service in the field.

V. Static Instruments

Item	Needed	Spare	Total
ETC Source Four ERS - 750W Body	40	4	44
19° Lens Tube	4	4	8
26° Lens Tube	36	2	38
36° Lens Tube	0	4	4
ETC Source Four LED Series 2 Lustr - Body	23	0	23
19° EDLT Lens	3	2	5
26° EDLT Lens	2	3	5
36° EDLT Lens	14	2	16
50° EDLT Lens	4	2	6
ETC ColorSource Par Deep Blue - Body	21	4	25
ETC ColorSource Par - Medium Round Lens	10	0	10
ETC ColorSource Par - Wide Round Lens (Can sub to generic RGBW PAR)	11	0	11
Rosco Miro Cube 4CA w/ Rosco Opti-Sculpt 20/40 Oval Lens	11	2	13
Axtera NYX Bulb - Black - Wireless Control	21	4	25
Rosco/DMG Dash Pocket LED Kit CRMX - Wireless Control	3	1	4

VI. Atmospherics

Item	Needed	Spare	Total
MDG Atmosphere Haze Generator with DMX Control, CO2 Hose and Regulator	1	1	2
Jem AF-1 MKII DMX Fan (Or Touring kit for ATMe Above)	1	0	1

- Can sub for in-house Unique II, but preferred ATMe

VII. Truss, Pipe, & Ladders

Item	Needed	Spare	Total
Per Production Electrician			

VIII. Cable

Item	Needed	Spare	Total
Per Production Electrician			

IX. Iron

Item	Needed	Spare	Total
Per Production Electrician			

X. Accessories

Item	Needed	Spare	Total
Short Top Hat 6.25"	18	6	24
Full Top Hat 6.25"	45	2	47
Size A Sandwich Template	28	6	34

XI. Ladders, Lifts, Miscellaneous

Item	Needed	Spare	Total
Per Production Electrician			

XII. Perishables

Item	Needed	Spare	Total
R132 Sheets			
R119 Sheets			
L201 Sheets			
R02 Sheets			
R05 Sheets			
R3203 Sheets			
R3204 Sheets			
Rosco Optisculpt 20x40 (For Miro Cubes)			
R78663 "Jaguar Breakup" - Size A Gobo	12	4	16
G579 "Foliage Breakup 3" - Size A Gobo	8	4	12
R77760 "Reflections" - Size A Gobo	8	4	12
Custom ML Gobo - D20 - for Mac Ultra (art link)	7	1	8
Per Production Electrician			

XIII. Tech Table Accessories

Item	Needed	Spare	Total
Tech Tables			
Color Laser Printer - Provide replacement toner cartridges			
Power Strips			
LittleLites			
Apple Boxes - Full			
Apple Box - Half			
Per Production Electrician			

- - END OF LIGHTING EQUIPMENT LIST - -