

Auditorium Technical Brief

FACILITIES	LOADING/UNLOADING
<p><u>SEATING CAPACITY</u></p> <ul style="list-style-type: none"> Area: 1,850m² Total Capacity: 533 seats 18x VIP seating (Row F7 – 24) 4x Wheelchair space <p><i>*Each wheelchair space occupies 2 seats (Seats A1-2, A3-4, A29-30, A31-32)</i></p> <p><u>DRESSING ROOM</u></p> <p>The dressing rooms are located on Level 10, above stage level</p> <ul style="list-style-type: none"> Each dressing room is equipped with full-length mirrors, wash basins with cold running water, audio-visual monitoring, and intercom system. Each dressing room can accommodate up to a maximum of 25 cast members at any one point in time. <p><i>Dressing Room 1 and 2 include:</i></p> <ul style="list-style-type: none"> 1 dressing cubicle with door 3 dressing cubicles with curtain 5 - 7 units of make-up stations 1 unit of 40" LED TV Monitor <p><u>LOCAL POWER SUPPLY</u></p> <ul style="list-style-type: none"> 230V single phase, 50Hz 1 units of 100A 3 Phase Isolator 	<p><u>LOADING DOCK</u></p> <p>The loading dock is on Union Street. Access from Straits Boulevard and Marina View</p> <ul style="list-style-type: none"> Loading Dock Entrance Clear Height: 4.5m (ht) Loading Bay Opening: 7.7m (w) x 7.7m (d) Loading Bay Corridor Spacing: 2.05m (w) x 1.9m (ht) <p><u>SERVICE / CARGO LIFT</u></p> <ul style="list-style-type: none"> Lift Corridor Opening: 2.1m (ht) x 2.05m (w) Lift Door Opening: 2.1m (ht) x 2.1m (w) Lift Dimension: 2.2m (w) x 2.85m (d) x 2.4m (ht) Safe Working Load for Cargo Lift: 2,500kg
	STAGING
<p><u>RIGGING OPERATION</u></p> <ul style="list-style-type: none"> Control: Nordec Stage Control System Location: Offstage Down Stage Right <p><u>SCENERY BARS</u></p> <ul style="list-style-type: none"> Quantity: 10 units Nordec Motorized Bars Dimensions: 19m (l) x 48mm (Ø) Maximum Capacity: 500kg/bar (Uniformly Distributed Load) Fixed Speed: 0.3m/sec <p><u>SCENERY / LIGHTING BARS</u></p> <p>Please refer to Lighting Plan (available upon request)</p>	<p><u>STAGE FLOORING</u></p> <ul style="list-style-type: none"> Timber Sprung Floor Main Stage: 21m (w) x 13.2m (d) Stage Height: 8.2m (5.4m measured from bottom of curtain border to the stage floor) Back Stage: 21m (w) x 4.6m (d) Loading of Auditorium Stage Floor: 7.5kN/m² Loading of Backstage Flooring: 5.0kN/m² <p><u>STAGE SCISSORS TABLE</u></p> <ul style="list-style-type: none"> Used for transportation of stage equipment, grand piano, etc. Elevator lift: 2.9m (l) x 1.85m (w) Maximum Capacity: 1500kg <p><u>STAGE CURTAIN</u></p> <ul style="list-style-type: none"> 1x Motorised Front Main Proscenium "Bi-Parting" Curtain (Red): 19m (l) x 7.5m drop 1x Motorised Semi Translucent Masking "Bi-Parting" Curtain (Black): 19m (l) x 7.5m drop 1x Motorised "Bi-Parting" Masking Curtain (Black): 19m (l) x 7.5m drop 1x Motorised "Bi-Parting" Backdrop Curtain (Black): 19m (l) x 7.5m drop 3 pairs of Dress Leg Curtain (Black): 4m (l) x 7.5m drop 1x House Border (Red): 19m (l) x 0.5m drop 4x Border (Black): 19m (l) x 0.5m drop

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AUDIO	LIGHTING
<p><u>MIXERS</u></p> <ul style="list-style-type: none"> Allen & Heath S5000 digital mixing console with dLive DM32 <p><u>FOH SPEAKERS (Ground Stack on Stage)*</u></p> <ul style="list-style-type: none"> Renkus-Heinz ICLX – Left, Right Array (Top) Renkus-Heinz ICLXL – Left, Right Array (Bottom) Renkus-Heinz ICLX-118S – Left, Right Subwoofer <p>*This setup will remain in place till further notice.</p> <p><u>AUDIO SHOW RELAY</u></p> <ul style="list-style-type: none"> Show Relay is routed to Level 9 Foyer, Dressing Rooms & Corridors <p><u>INTERCOM & ACCESSORIES</u></p> <ul style="list-style-type: none"> 1 unit Clear-Com Wired Intercom Main Station 5 units Clear-Com Wireless Beltpack Unit 5 units Clear-Com Headset <p><u>REVERBERATION TIME (AFC3 SYSTEM)</u></p> <ul style="list-style-type: none"> The reverberation time is 0.8 second, and it can be increased to 2.2 seconds. 	<p><u>GENERAL HOUSE LIGHTING</u></p> <ul style="list-style-type: none"> Dimmable LED Downlight <p><u>CONTROL CONSOLE</u></p> <ul style="list-style-type: none"> GrandMA2 Full Size In / Out: Network (RJ45) Networking: sACN 12x DMX Universe <p><u>DIMMERS</u></p> <ul style="list-style-type: none"> 96x 2.3kW Channel Dimmer ETC Smart Pack <p><u>CONNECTOR TYPE</u></p> <ul style="list-style-type: none"> 16A, CEE 17 <p><u>STANDARD RIG</u> (Please refer to Lighting Plan)</p> <ul style="list-style-type: none"> ETC Led Par Chauvet F-915FC Show Line SL Bar 620 Ayrton Diablo ETC Source 4 (19/26 degree) ETC Source 4 Zoom (15-30 degree)
VIDEO & PROJECTION	
<p><u>PROJECTOR (Front Throw in Control Room)</u></p> <ul style="list-style-type: none"> 1 unit of Panasonic PT-RZ21K, Lens ET-D75LE30 (House Centre) 1 unit of Panasonic DZ21K2, Lens ET-D75LE30 (House Left – fixed installation) <p><u>PROJECTOR SCREEN</u></p> <ul style="list-style-type: none"> Location: Stage Centre Motorised Tension Projector Screen Screen Gain: 1.3x Dimensions: 8m (w) x 4.5m (h) <p><u>CYCLORAMA SCREEN</u></p> <ul style="list-style-type: none"> Location: Upstage Motorised Cyclorama Screen (Canvas Material) Dimensions: 19m (l) x 7.5m drop 	<p><u>LED TV MONITOR (Fixed Wall Mounted)</u></p> <ul style="list-style-type: none"> 1 unit of 40" LED TV Monitor (Backstage) 2 units of 55" LED TV Monitor (Pre-function Hall – Level 9 & 10 Foyer) 4 units of 98" LED TV Monitor (Audience Area) <p><u>VIDEO PLAYBACK</u></p> <ul style="list-style-type: none"> Aspect Ratio 16:9 HDMI Output Playback device to be provided by Hirer Windows-based laptop recommended

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ADDITIONAL ITEMS

Use of additional items is subject to availability. Additional time and manpower costs may be incurred during bump-in and teardown.

CATEGORY	ITEMS
STAGING	Dance Mats (20m x 10m)
	6ft x 8ft Tri-height Stage (ht: 18", 24", 30")
	4ft x 8ft Fold & Set Stage Riser (ht: 16", 24")
	Choral Riser
	100cm x 100cm Conductor Platform (ht: 20cm)
	Black Orchestra Chairs
	Music Score Stands
	Music Score Stand Light
AUDIO	Mackie C300Z Monitor Speaker
	Alla Breve Music Shell Acoustic Panel
	Wireless Handheld Shure ULXD2/SM58 or ULXD2/B58
	Clip-on Microphone Shure ULXD1/WL185
	Wired Microphone Shure SM 58 or Beta 58A
	Shure Beta56A
	Neumann KM184
	Shure SM57
	Active DI Box
LIGHTING	Iris for ETC Zoom and Fixed Spot
	B size Gobo Holder for ETC Source 4
	ETC Source 4 – 19 degrees
	ETC Source 4 – 26 degrees
	ETC Source 4 Zoom - 15/30 degrees
	Followspot Robert Juliat Lucy – 13° to 24° zoom
	Hazer (Le Maitre MVS Hazer)
VIDEO	D3.9 Outdoor LED Panel 500mm x 500mm (6m (w) x 3.5m (h) + 1m Dummy)
	CINEMA PROJECTION SYSTEM (FOR MOVIE SCREENING): <ul style="list-style-type: none"> • 1 unit of DLP Laser Projector BARCO DP2K-10SLP • 1 unit of Dolby CP750 Digital Cinema Processor • 5 units of Crown NXLC2800 CDI DriveCore Amplifier • 1 unit of Front Motorised Tension Joint Screen (8m (w) x 5m (h))

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CATEGORY	ITEMS
VIDEO	<p>(CONT'D) CINEMA PROJECTION SYSTEM (FOR MOVIE SCREENING):</p> <ul style="list-style-type: none"> • JBL Cinema Loudspeaker System <ul style="list-style-type: none"> ○ 3 units of JBL C222HP Two-Way ScreenArray Cinema Loudspeaker ○ 2 units of JBL 4642A Dual 460mm (18 inch) Subwoofer System ○ 16 units of JBL 8320 Compact Cinema Surround Speaker for Digital Applications