



SPECIAL OPEN MEETING

SPECIAL OPEN MEETING OF THE GOLDEN RAIN FOUNDATION MAINTENANCE AND CONSTRUCTION COMMITTEE

**Thursday, September 19, 2024 – 3:30 p.m.
24351 El Toro Road, Laguna Woods, CA 92637
Board Room and Virtual with Zoom**

At this time, Laguna Woods Village owners/residents are welcome to participate in all open committee meetings virtually. To submit comments or questions virtually for committee meetings, please use one of the following two options:

1. Join the committee meeting via a Zoom link at: <https://us06web.zoom.us/j/85398110147> or by calling 669-900-6833 Access Code: 85398110147
2. Via email to meeting@vmsinc.org any time before the meeting is scheduled to begin or during the meeting. Please use the name of the committee in the subject line of the email. Your name and unit number must be included.

NOTICE AND AGENDA *This Meeting May Be Recorded*

1. Call to Order
2. Acknowledgement of Media
3. Approval of the Agenda
4. Chair's Remarks
5. Department Head Update
6. Member Comments

Consent:

All matters listed under the Consent Calendar are considered routine and will be enacted by the committee by one motion. In the event that an item is removed from the Consent Calendar by members of the committee, such item(s) shall be the subject of further discussion and action by the committee.

None

Items for Discussion and Consideration:

7. PAC Sound System

Concluding Business:

8. Committee Member Comments
9. Date of Next Meeting: Wednesday, October 9, 2024 at 9:30 a.m.
10. Recess: At this time, the meeting will recess for a short break and reconvene to Closed Session to discuss the following matters:

Closed Session Agenda

Approval of the Agenda

Chair's Remarks

Discuss and Consider Contractual Matters

Adjournment

*A quorum of the GRF Board or more may also be present at the meeting.

Juanita Skillman, Chair
Guy West, Staff Officer
Telephone: 949-597-4625

STAFF REPORT

DATE: September 19, 2024
FOR: Maintenance and Construction Committee
SUBJECT: Review Sound System Replacement Components for the Performing Arts Center

RECOMMENDATION

Receive and File

BACKGROUND

The Performing Arts Center (PAC) located near Gate 3 is a 29,000-square-foot facility that offers a variety of amenities to residents within the community. This facility is home to an 814-seat auditorium that hosts an array of speakers, dance recitals, concerts, plays and movie events. Within the facility is a main lobby and ticket booth, offices of operation, two dining rooms with fully equipped kitchens, a billiard room and a rehearsal room used to accommodate entertainers before a performance. Only minor renovations have been completed since the facility's construction in 1971.

Since 2022, the Performing Arts Center Theatre has experienced nine (9) complete sound system failures during live performances. The spontaneous sound system reboot during a live performance can take anywhere from 20 to 40 minutes before the sound is restored. The aging systems' repairs over the years consist of newer digital components patched into dated analog components. The age of the sound system and the current installed mixture of digital and analog components have rendered the sound system unreliable at best. If not addressed, staff anticipates the system will continue to fail and at some point, it will no longer respond to a reboot. For this reason, funding was allocated in 2024 to replace the existing sound equipment.

DISCUSSION

The intent of the scope of work is to address the current sound system performance issues that have been reported by staff. Listed in Attachment 1 are the components identified for replacement.

An RFP process was conducted in accordance with the purchasing policy and a contract award will be discussed in closed session. If a contract is approved, the work is expected to take place between November 2024 and January 2025. The theater will be closed during that period.

FINANCIAL ANALYSIS

Funding is available in the 2024 Capital Business Plan from the Reserves Fund for replacement of the Performing Arts Center Sound System.

Prepared By: Danette Kirby, Project Manager

Reviewed By: Guy West, Projects Division Manager
Bart Mejia, Maintenance and Construction Assistant Director

ATTACHMENTS

Attachment 1 – Scope of Work List of Component Replacements

SOUND SYSTEM COMPONENTS LIST:

Items:	Description
1	RIGGING FOR SPEAKERS: Martin – FP4Y-B Install Yoke rigging package
2	MAIN LINE ARRAY SPEAKERS: (2) Wavefront Precision Subcompact Line Array (2x8" LF, 4x4"MF, 4x1" Exit HF
3	FRONT FILL STAGE SPEAKERS: (4) Martin-FP4 4" 2-way passive Flex Point
4	SUBWOOFERS: (6) Cardiod 18 Subwoofer System Ground Stack 18" F, 14" R drivers 43Hz-to150Hz+/-3dB.Max
5	STAGE MONITORS TWO-WAY FULL-RANGE WOOFERS: (10) SRX812 & SRX815 two-way full range speakers
6	POWER AMPLIFIER: DANTE INTERFACE (4) 8 channel Power Amp w/4x8 DSP Dante Interface 2/4/8-Ohms.
7	NETWORK SWITCH 24-PORT GIGABIT: PoE+ Compliant Managed Network Switch
8	CONSOLE: DM7 120-CHANNEL DIGITAL MIXER: + CTL-DM& Control Expansion
9	SOUND BOXES / RIO: AES/EBU outputs; 44.1/48/88.2/96Hz Dante digital network remote I/O unit
10	MICROPHONES: WIRELESS FULL SYSTEM WITH BODYPACK TRANSMITTERS: Quad Digital Wireless / SHURE
11	PROCESSOR - CONTROL SYSTEM: Unified Core w/24 local audio I/O channels / Dante License included
12	GIGABIT SWITCH 26-PORT NETWORK SWITCH: preconfigured for Q-SYS Audio/Video Control 300 Watts PoE
13	CONTROL PANEL: TOUCH SCREEN Q-SYS 7 PoE CORE / In WALL MOUNTING - Black
14	SOFTWARE: Q-SYS Core 110 Scripting Engine Software License, Perpetual
15	VIDEO SYSTEM: VIDEO SWITCHER: ATEM Mini Extreme ISO Design Frame Sets WP789R/USDW/B
16	WIRE: CABLES & CONNECTORS: Belden Mic Cable, 22 AWG stranded, CAT6 (350MHz) RG-8x type, 16 AWG stranded, Neutrik NC3MXX 3pin male XLR connectors, Neutrik NC3FXX 3pin Female XLR connectors (nickel/silver)

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