



HQ Boardroom Technology Upgrade

Organization, Personnel and Technology Committee

Item 7-1
July 13, 2020

Current Action

- Authorize an agreement with AVI-SPL, Inc. in an amount not-to-exceed \$3.75 million for the procurement and deployment of upgraded audiovisual technology systems at Metropolitan's Headquarters Building for the Boardroom Technology Upgrade Project

PROJECT SCOPE

- Replace the current Audiovisual (AV) and IT-related equipment that is at end-of-life, with a new, reliable enterprise-level AV technology system in the Boardroom and three Committee rooms. The high-level scope includes:
 - Video Systems
 - Audio Systems
 - Control System
 - Director Stations
 - Voting System

REASONS FOR REPLACEMENT

- Most of the current AV equipment is over 13 years old with some major components over 20 years old and at end-of-life, causing frequent failures and limited spare parts available in the market.
- Over the last four months, there were an average of 60 tickets per month on Boardroom and Committee room related to issues and break-fix requests.
- A new system would have updated technology with enhanced capabilities and increased flexibility for IT and Board staff to create, manage and archive meetings.

GENERAL PROJECT SCOPE

The scope includes:

- Dual 16:9 LED video walls in the Board room
- Single-wide interactive video walls in Committee rooms
- New LED display on the Rotunda wall
- AV Equipment replacement
- Enhanced video conferencing capability
- High-quality video production capabilities
- Improved production operator controls
- Upgraded dais mics and touch screens
- New voting system
- Retrofitting of lighting in the Board room

PROCUREMENT PROCESS

- AV vendor selection process used a Cooperative Agreement for Public Agencies (RFP 000817, issued in Nov 2019)
- Qualifications, certifications and experience-based selection
- Two final qualified respondents
- Respondents evaluated by MWD team
- Final selection based on Best Value to MWD

VENDOR SELECTION

- AVI-SPL was selected due to its offering of a mature Audiovisual solution that is already implemented and used by a large number of public and private organizations.
- AVI-SPL also has significant configuration expertise, implementation capabilities, and experienced resources leading similar AV technology implementations.

AGREEMENT SCOPE



- Project/Payment schedule
- Coordinate schedule with Construction Management Team
- Procure and Configuration
 - AV Equip & components
 - Director stations
 - Voting Software
- Integration
 - Fully Operational System
- Testing and Acceptance
- Deployment
- 3 years Warranty and Support

PROJECT COST BREAKDOWN

Description	Cost
Vendor (AVI-SPL Agreement)	\$ 3,750,000
MWD Staff (ESG/IT/Facilities)	\$ 1,100,000
Professional Technical Services	\$ 250,000
Remaining Budget	\$ 510,000
Total Project Budget	\$ 5,610,000

AV EQUIPMENT COST BREAKDOWN

Description/Location	AVI-SPL Cost
Boardroom	\$ 1,693,672
Lobby/Rotunda	\$ 233,982
US 1-102	\$ 294,995
US 2-456	\$ 373,048
US 2-145	\$ 368,824
Spares	\$ 82,480
Vendor Tech Support & Warranty (3Y)	\$ 244,318
AVI Contingency	\$ 238,181
SUB TOTALS	\$ 3,529,500
Estimated Taxes	\$ 220,500
GRAND TOTALS	\$ 3,750,000

Technology Investment Benchmarks

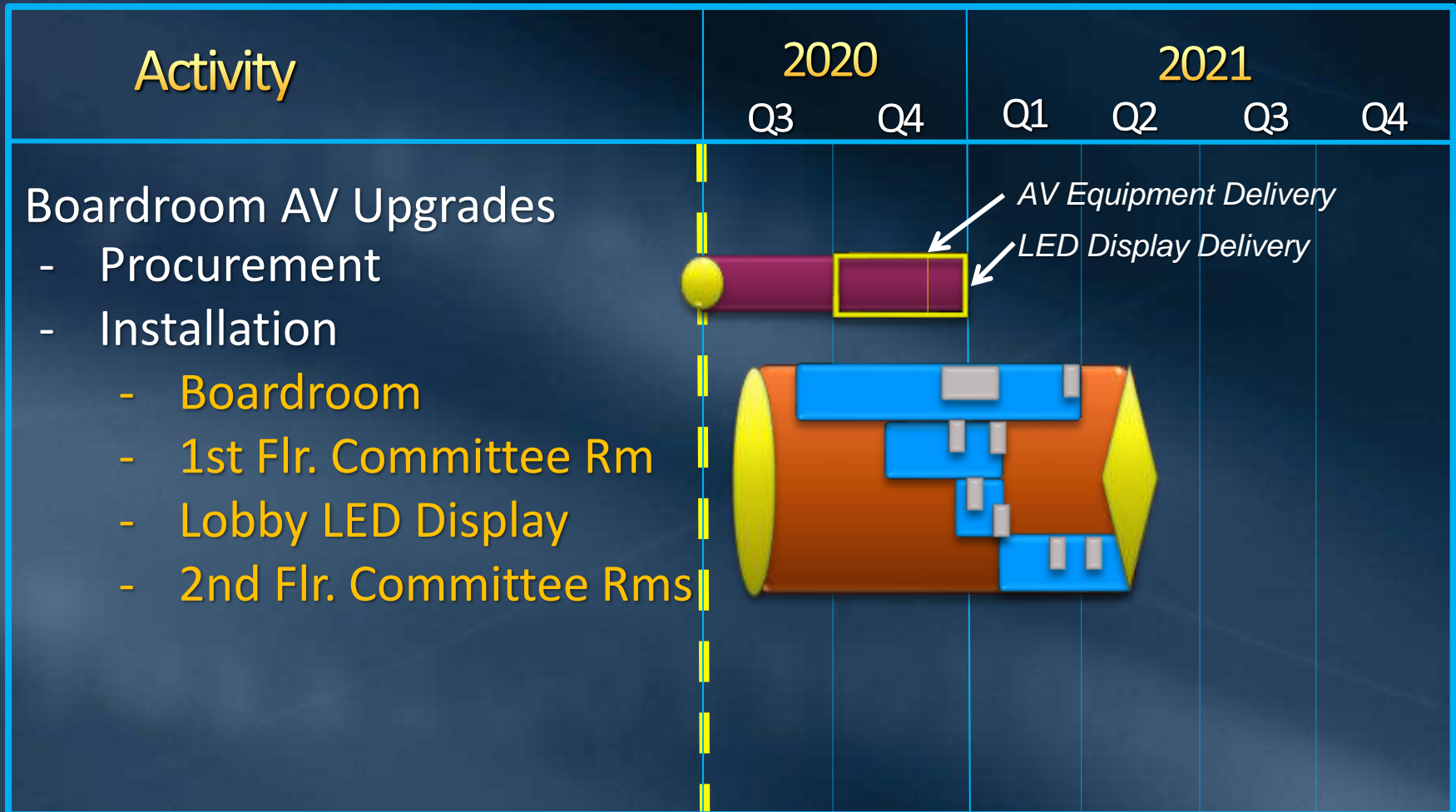
- CalTrans Orange County D12 Facility: ~\$5M⁺ ^
- City of Temecula City Hall: Facility ~\$4.5M ⁺⁺ ^
- City of Detroit Public Safety HQ: Facility ~\$2M ^{*} ^
- Santa Clara Family Justice Center: ~\$1.8M ^
- Durham County Human Services: ~\$1.8M ^

[^]These benchmarks might not reflect the same amount of rooms or the size

^{*}Certain above benchmark investments include integral network and infrastructure costs

⁺Project includes one or more state of the art video wall displays

OVERALL CONSTRUCTION SCHEDULE



 Board Action
 Project Completion

 Shutdown
 Procurement

 AV Deployment
 Construction

OPERATIONS AND LOGISTICS

- Operations and logistics planning for conducting Board and Committee meetings in collaboration with:
 - Board of Directors, Board support staff
 - IT Management, PMU and Infrastructure Teams
 - Engineering PMU and Design staff
 - Legal support staff
 - Real Property Management Staff
 - Facilities
 - Physical security improvements project team
 - Seismic upgrade project team

BOARD OPTIONS

- Option #1
 - Authorize an agreement with AVI-SPL, Inc. in an amount not-to-exceed \$3.75 million to upgrade the audiovisual systems in the board and committee rooms at Metropolitan's Headquarters Building
- Option #2
 - Do not proceed with the project at this time

STAFF RECOMMENDATION

- Option # 1

