



Finance, Audit, Insurance, & Real Property Committee

Metropolitan Headquarters Building HVAC Chiller Repair

Item 7-7

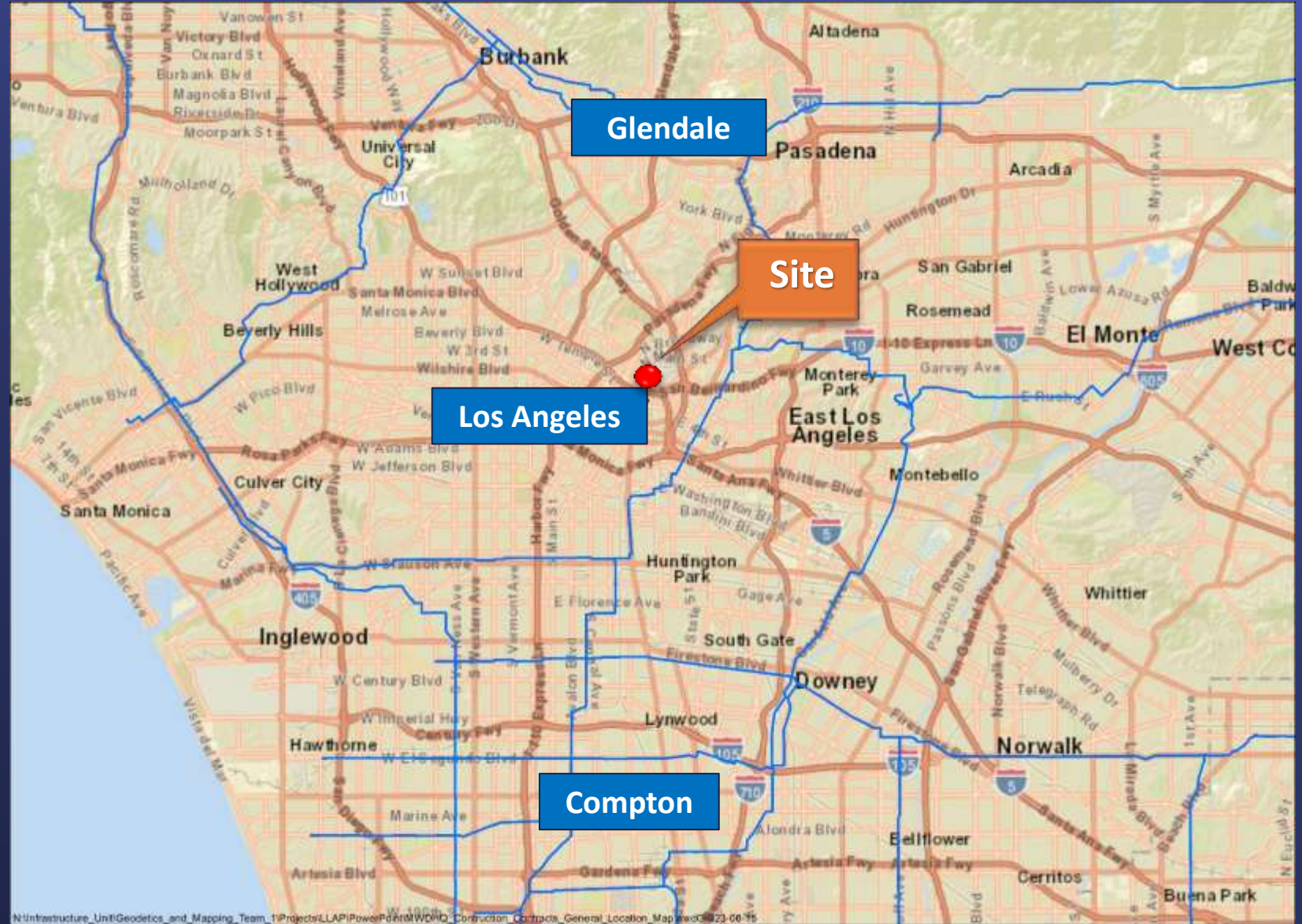
July 11, 2023

MWD HQ
Building
HVAC Chiller
Repair

Current Action

- Award a \$359,725 contract to Mesa Energy Systems, Inc. for the repair of chiller #2 located at the Headquarters building.

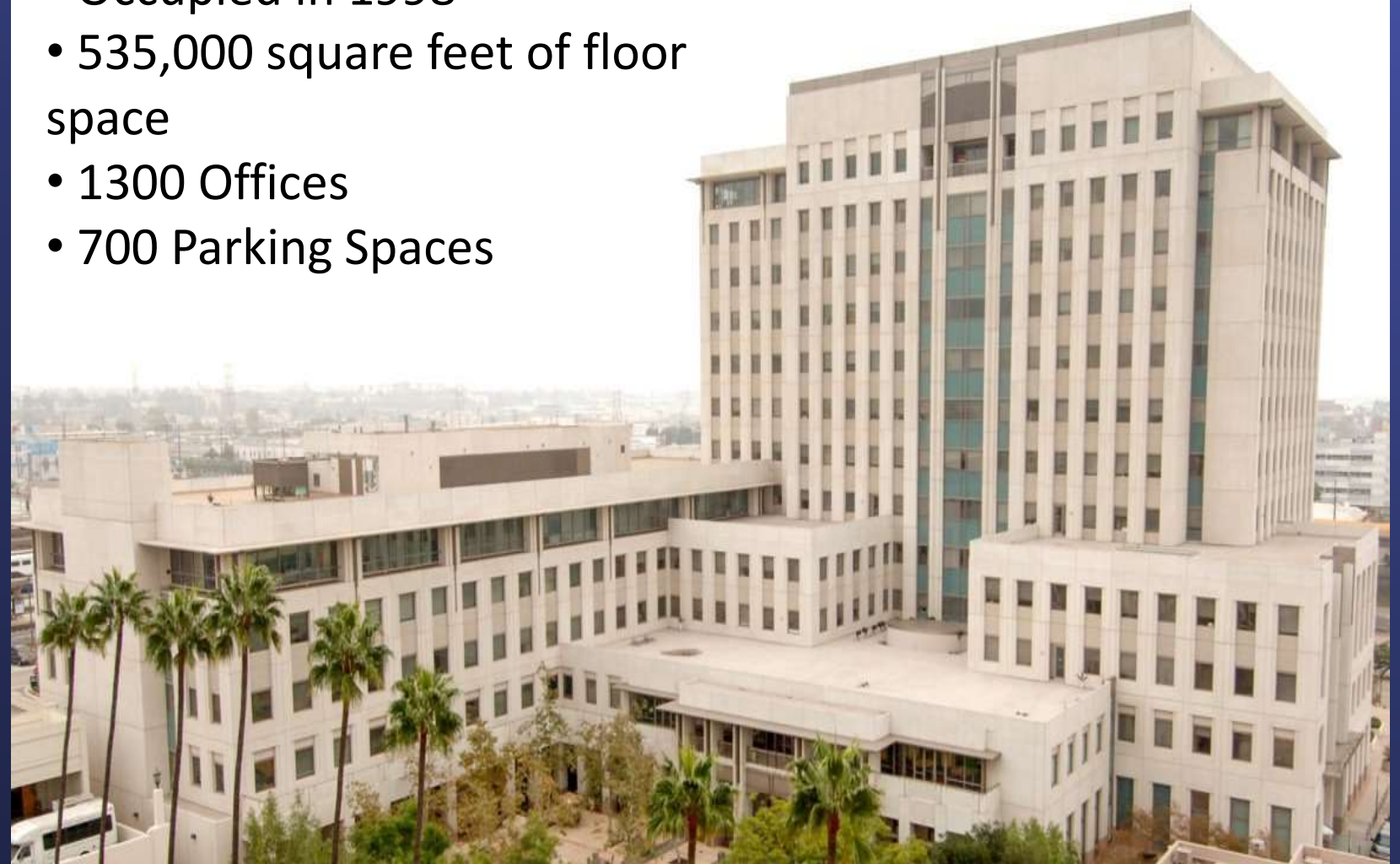
General Location Map



Background

Overview

- Occupied in 1998
- 535,000 square feet of floor space
- 1300 Offices
- 700 Parking Spaces



Background

- Building HVAC System
- Provides cooling for critical systems and comfort cooling
- Indoor air temperature standards, 68 F to 80 F
- Original building infrastructure



Chillers



Cooling Towers



Air Handler

Chiller Repair

- Testing has identified progressive failures, pitting, and corrosion
- Lack of operational redundancy
- Replace condenser tubes, variable speed drive, and ancillary equipment
- Capital Improvement Project –Chiller replacement



Bid Results Specifications No. 2079

| | |
|--------------------------|--------------------------|
| Bids Received | June 15, 2023 |
| No. of Bidders | 2* |
| Lowest Responsive Bidder | Mesa Energy Systems, Inc |
| Low Bid | \$359,725 |
| Engineer's Estimate | \$332,000 |
| SBE Participation* | 25% |

*The apparent low bidder was deemed non-responsive as they did not meet the SBE participation level

*SBE (Small Business Enterprise) participation level set at 25%

Board Options

Option No. 1

- Award a \$359,725 contract to Mesa Energy Systems, Inc. for the repair of heating, ventilation and air conditioning (HVAC) chiller #2 located at the Metropolitan Headquarters building.

Option No. 2

- Do not authorize the agreement.

Board Options

Staff Recommendations

- Option No. 1

