



# Engineering Services Manager's Report

Engineering and Operations Committee

Item 7b

September 9, 2019

# Engineering Services Group

## *Staffing in Fiscal Year 2018-19*

- Total of 47 positions backfilled
- Total of 28 employees left Engineering
  - 21 Retired
  - 7 Bid out to another group at Metropolitan



# Engineering Services Group

## Professional Development and Industry Leadership in Engineering in FY 2018/19



Professional Licenses:

✓ 11 Employees  
(83% group total)

Technical Papers & Presentations  
at Various Technical Organizations:

✓ 17



Staff Actively Involved with  
External Organizations:

✓ 12%



Completed Degrees and  
Certificate Programs:

✓ 10 Employees



# Engineering Services Group

## *Innovative Professional Development Programs*



- 23 new employees to participate in Fall 2019 with over 120 employees who benefitted since inception
- 12 mentoring pairs in FY 2018/19 with over 146 pairs matched since inception
- 18 early program participants became Mentors later in the program
- Launched January 2019
- Program consists of 12 monthly modules. Average of 80 employees attend the sessions

# 11<sup>th</sup> Biennial Water System Seismic Conference

- October 9<sup>th</sup> -11<sup>th</sup>, Los Angeles
- Jointly hosted by MWD & LADWP
- Technical interchange between United States, Taiwan, and Japan
- More than 100 registered attendees
- Over 40 Papers/Presentations



# 11<sup>th</sup> Biennial Water System Seismic Conference

- Topics include
  - Seismic Damage Assessment
  - Seismic Mitigation Measures
  - Emergency Response & Recovery
- Opening Remarks
  - Jeffrey Kightlinger – General Manager, MWD
- Keynote Speaker
  - Winston Chai – Facility Design Team Manager, MWD
- 4 MWD employee submittals accepted
  - Design, Project Management, and Safety of Dams



# HQ Seismic Improvements Project

- Project Scope:  
Building seismic upgrades, kitchen upgrades, network system upgrades and security enhancements.
- Contract Award Date:  
November 6, 2018
- Contract Amount:  
\$43,998,000
- Contractor:  
Bernards Brothers, Inc.
- Percent Complete:  
18%
- Completed Tasks:  
Seismic retrofit work completed in parking garage levels P1 and P2



# HQ Seismic Improvements Project



Cladding Panel Bracing for  
Level 6 Tower



Level 5 Roof Deck Demo



Scaffolding



