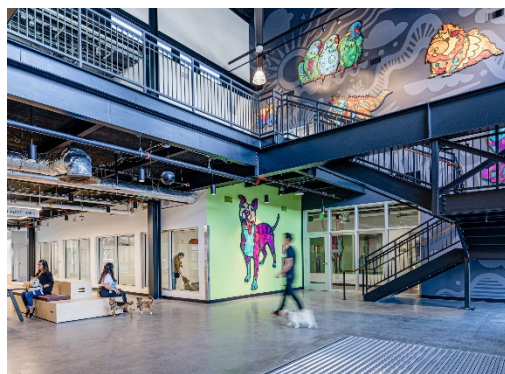
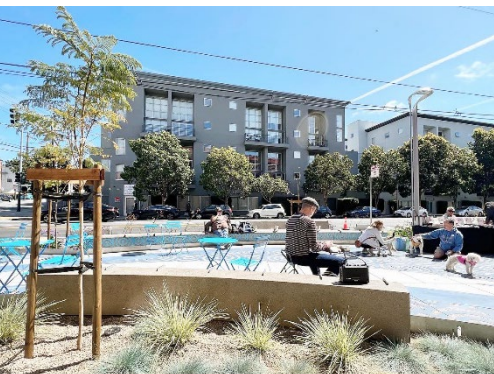


December 13, 2023, Presentation to Budget & Finance Committee

## Request: Approve Emergency Declaration for Zuckerberg San Francisco General Hospital and Trauma Center

### To Allow for Construction for the ZSFG Building 2 Chiller, Boiler and Cooling Tower Replacement Project

Gabriel Lim, Senior Architect & Section Manager, San Francisco Public Works



# Emergency Declaration Projects – Request for Approval



- 2016: Department of Public Health (DPH) opened a new Inpatient Acute Care Hospital and Trauma Center (Building 25) on the ZSFG campus.
- The former Acute Care Building (Building 5) currently houses Inpatient Psychiatric Units in 7Bm 7C and 1B, a Skilled Nursing Unit (SNF) in 4A and many Outpatient clinics and services.
- Additionally, Building 5 houses the Materials and Central Supply for the campus (all Patient Care Services).
- Building 5 also houses critical Inpatient services including the Clinical Laboratory, Linen and the Kitchen that serves the Inpatient units in Buildings 25 and 5.
- Building 3 houses the Pathology Lab, which services all patient care services on campus.

# Risks and Vulnerabilities



- An absence of adequate cooling during high-heat days could result in the suspension of Outpatient care, case serious affects to Inpatient/Acute Care services, and possibly require relocation of Inpatient beds from Building 5.
- DPH has acquired provisional mobile cooling equipment as a stop-gap measure; however, this is a temporary solution that may be unable to meet cooling demand on high-heat days.
- DPH has secured funding and has been actively working in partnership with San Francisco Public Works (SFPW) on a project to replace the cooling towers and chillers on campus.
- The unexpected catastrophic infrastructure failure requires a dramatic acceleration of this project to protect the health and safety of patients, staff and visitors on campus.

# Risks and Vulnerabilities - Continued



- Cooling is provided to Building 5 and Building 3 by a series of Cooling Towers located adjacent to the powerplant and Chillers (Building 2).
- September 6, 2023: The Cooling Towers unexpectedly and catastrophically failed, subsequently ejecting six-foot long (75lb) fan blades into the air.
- These blades damaged safety fencing, causing some debris to land in parking areas.
- Thankfully, no injuries occurred.
- The current Cooling Towers are unreparable and will remain inoperable until a replacement project is completed.

# Status and Progress



- Public Works declared an emergency at the request of DPH and continues to address project needs.
- Project is out to Bid with bid prices due on December 15, 2023 with anticipation for Construction start in February/March 2024.
  - Utilizing Best Value process due to complexity and critical nature of the project.
- Public Works will coordinate with DPH on the subsequent awards for the emergency project.

# Emergency Declaration Projects – Request for Approval



**Request:**  
Approve emergency declaration for Zuckerberg San Francisco General Hospital and Trauma Center to allow for Construction for the ZSFG Building 2 Chiller, Boiler and Cooling Tower project in order for DPH to protect the health and safety of patients, staff and visitors on campus.



# QUESTIONS