File No.	231202	Committee Item No.	3	
		Board Item No.		
	COMMITTEE	POARD OF SUREDVISO	DC	

COMMITTEE/BOARD OF SUPERVISORS

AGENDA PACKET CONTENTS LIST

	Budget and Finance Committee pervisors Meeting	Date December 13, 2023 Date
Cmte Boar	Motion Resolution Ordinance Legislative Digest Budget and Legislative Analyst Re Youth Commission Report Introduction Form Department/Agency Cover Letter a MOU Grant Information Form Grant Budget Subcontract Budget Contract/Agreement Form 126 – Ethics Commission Award Letter Application Public Correspondence	
OTHER	Public Works Order No. 208613 9/1 Dept. of Public Health Letter to Public PLN CEQA Exemption - Cooling To PLN CEQA Exemption - Chiller Republic Works Presentation 12/13/20	13/2023 blic Works 9/6/2023 bwer Replacement 7/26/2023 blacement 7/26/2023 023
•	oy: Brent Jalipa Da oy: Brent Jalipa Da	te December 7, 2023

1	[Emergency Declaration - Zuckerberg San Francisco General Hospital Building 2 - Chiller and
2	Boiler and Cooling Tower Replacement - Estimated Cost of Repairs Exceeds \$250,000]
3	Resolution approving the Director of Public Works' declaration of emergency under
4	Administrative Code, Section 6.60, to replace chiller, boiler, and cooling tower and
5	perform associated repair and upgrades at Zuckerberg San Francisco General Hospital
6	located at 1001 Potrero Avenue, estimated to cost in excess of \$250,000; and affirming
7	the Planning Department's determination under the California Environmental Quality
8	Act.
9	
10	WHEREAS, In 2016, the Department of Public Health ("SFDPH") opened a new
11	inpatient Acute Care Hospital and Trauma Center (Building 25) on the campus of Zuckerberg
12	San Francisco General Hospital located at 1001 Potrero Avenue; and
13	WHEREAS, The former Acute Care Building (Building 5) currently houses inpatient
14	psychiatric units, a skilled nursing unit, many outpatient clinics and services, the campus-wide
15	materials management and central supply, and critical inpatient services including the clinical
16	laboratory, linen room, and the kitchen that serves the inpatient units in Buildings 25 and 5;
17	and
18	WHEREAS, Building 3 houses the pathology lab which services all patient care
19	services on campus; and
20	WHEREAS, A series of cooling towers ("Cooling Towers") located adjacent to the
21	powerplant and Building 2 chillers provide cooling to Building 5 and Building 3; and
22	WHEREAS, On September 6, 2023, the Cooling Towers unexpectedly and
23	catastrophically failed, subsequently ejecting six-foot long, 75-pound fan blades into the air;
24	and
25	

1	WHEREAS, The catastrophic failure damaged safety fencing and caused debris to land
2	in parking areas, but did not result in any human injury; and
3	WHEREAS, The Cooling Towers are unrepairable and will remain inoperable until a
4	replacement project is completed; and
5	WHEREAS, An absence of adequate cooling during high-heat days could result in the
6	suspension of outpatient care, serious effects to inpatient acute care services, and require
7	relocation of inpatient beds away from Building 5; and
8	WHEREAS, Public Works staff have determined that the extensive and technical scope
9	of repair and replacement work necessitated by the failure of the Cooling Towers requires the
10	hiring of an outside contractor or contractors to perform the critical replacement of the Cooling
11	Towers, boiler, and chiller, and associated repairs and upgrades; and
12	WHEREAS, Public Works staff analyzed the circumstances extensively and
13	determined that the estimated cost of the replacement work, repairs, and upgrades is
14	expected to exceed \$250,000; and
15	WHEREAS, Pursuant to Section 6.60(c)(3) of the Administrative Code, an "actual
16	emergency" includes "[u]nforeseen occurrences of unusual character resulting in an
17	insufficient number of hospital beds or the lack of hospital beds or the lack of hospital,
18	surgical, mental health or hospital ancillary services so as to leave patients of the City without
19	required hospital or medical services"; and
20	WHEREAS, In response to a written request of SFDPH Director Colfax concerning the
21	implications of the failure of the onsite Cooling Towers, on September 13, 2023, with the
22	written approval of Public Works Commission Chair Post, Interim Public Works Director Short
23	issued Public Works Order No. 208613 declaring the existence of an emergency at
24	Zuckerberg San Francisco General Hospital due to the failure of the onsite Cooling Towers

and chillers; and

25

1	WHEREAS, According to Administrative Code, Section 6.60(b), on September 13,
2	2023, Interim Public Works Director Short gave notice of the emergency declaration to the
3	Board of Supervisors, Mayor, and Controller; and
4	WHEREAS, Administrative Code, Section 6.60(d), requires that the Board of
5	Supervisors approve emergency declarations for work estimated to cost in excess of
6	\$250,000; and
7	WHEREAS, The Planning Department has determined that the actions contemplated in
8	this Resolution comply with the California Environmental Quality Act (California Public
9	Resources Code Sections 21000 et seq.); said determination is on file with the Clerk of the
10	Board of Supervisors in File No. 231202 and is incorporated herein by reference; the Board
11	affirms this determination; and
12	WHEREAS, The SFDPH budget contains sufficient funds to complete the critical
13	replacement work and associated repairs and upgrades; now, therefore, be it
14	RESOLVED, That the Board of Supervisors approves the declaration of emergency set
15	forth in Public Works Order No. 208613 to address the catastrophic failure of the Cooling
16	Towers at Zuckerberg San Francisco General Hospital.
17	
18	RECOMMENDED:
19	
20	<u>/s/</u>
21	San Francisco Public Works Carla Short, Director
22	
23	
24	
25	

Item 3	Department:
File 23-1202	Public Works (DPW), Public Health (DPH)

EXECUTIVE SUMMARY

Legislative Objectives

 The proposed resolution would approve an emergency declaration of the Department of Public Works (DPW) related to repairs to General Hospital's cooling towers and chillers, following an unexpected failure on September 6, 2023.

Key Points

Prior to the cooling towers breaking on September 6, 2023, DPW and DPH had been collaborating on a cooling towers and chillers replacement project. The bidding process for a general contractor to complete the two projects is ongoing through December 15, 2023, according to DPH staff. DPW estimates that the total project will take 2-3 years, but the exact timeline will be determined by the awarded contractor. Given that procurement is already underway, it is not clear that the proposed emergency declaration is necessary.

Fiscal Impact

• DPH and DPW are still developing a funding plan and project timeline for the work associated with the proposed emergency declaration.

Recommendation

Continue this item to a future Budget & Finance meeting.

MANDATE STATEMENT

Administrative Code Section 6.60(d) states that emergency work that costs more than \$250,000 is subject to Board of Supervisors approval. Prior to the commencement of emergency work above the \$250,000 threshold, the Department must also secure approval in writing from the Mayor, the President of the Board, or the Commission. If the emergency does not permit approval of the emergency determination by the Board of Supervisors before work begins, the Department head must submit a resolution approving the emergency determination to the Board of Supervisors within 60 days.

BACKGROUND

San Francisco General Hospital (SFGH) Building 3 contains a pathology lab and Building 5 contains a number of inpatient units and outpatient services and clinics. Building 3 and Building 5 are cooled by a series of cooling towers and chillers that according to DPH were installed in 1972. The cooling towers are constructed with wood, and with proper maintenance, should function for 20-25 years. DPW says that the cooling towers' wood components and motors have been replaced over the years, extending their useful life.

On September 6, 2023, the cooling towers unexpectedly broke, after 51 years of operation. The cooling tower fan blades were ejected into the air, damaging safety fencing, but nothing else.

Planned Replacement

Prior to the incident, DPW and DPH had been planning since 2021 to replace these SFGH cooling towers and two chillers. The cooling towers' foundation and timber structure were unstable. Unrelated to the incident, the two chillers were also broken. According to DPW, the chillers have a "useful life" expectancy of 15-20 years. One of the chillers is original, and the other was replaced in 2006.

In July 2022, M Lee Corporation¹ prepared a cooling towers replacement project estimate for DPW. In June 2023, M Lee Corporation prepared a chiller replacement project cost estimate. Neither project had commenced since, according to DPW, funding had not been secured.

Emergency Declaration Timelines

On September 13, 2023, Interim Director of Public Works Carla Short declared an emergency for the failure of the cooling towers at San Francisco General Hospital that occurred on September 6, 2023. The emergency declaration was approved by Public Works Commission Chair Lauren Post. Administrative Code Section 6.60(b) states that departmental emergency declarations must provide "immediate" notice to the Board of Supervisors, Mayor, and Controller., submitted a resolution approving this emergency declaration to the Board of Supervisors on November 14, 2023, within the sixty day timeframe required by Administrative Code Section 6.60(d).

¹ According to DPW, M Lee Corporation is on the DPW as-needed professional and construction contracts list and was involved in the design phases of these two projects.

DETAILS OF PROPOSED LEGISLATION

The proposed resolution would approve an emergency declaration of the Department of Public Works (DPW) related to repairs to General Hospital's cooling towers and chillers, following an unexpected failure on September 6, 2023.

Any contracts entered into under the emergency authority are exempt from Administrative Code Chapters 6 (public works contracting policies and procedures), 12A (Human Rights Commission), 12B (non-discrimination in contracts), 12C (non-discrimination in property contracts), and 14B (Local Business Enterprise utilization).

Cooling Towers and Chillers Replacement Projects

Prior to the cooling towers breaking on September 6, 2023, DPW and DPH had been collaborating on a cooling towers and chillers replacement project. The bidding process for a general contractor to complete the two projects is ongoing through December 15, 2023, according to DPH staff. DPW estimates that the total project will take 2-3 years, but the exact timeline will be determined by the awarded contractor. Given that procurement is already underway, it is not clear that the proposed emergency declaration is necessary.

Interim Building Cooling Solution

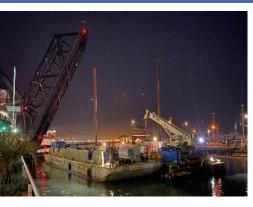
The cooling towers and chillers are currently inoperable. In order to continue providing cooling services to SFGH Building 3 and 5, DPH has procured rental equipment, although the cooling is at reduced capacity.

FISCAL IMPACT

DPH and DPW are still developing a funding plan and project timeline for the work associated with the proposed emergency declaration.

RECOMMENDATION

Continue this item to a future Budget & Finance meeting.













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









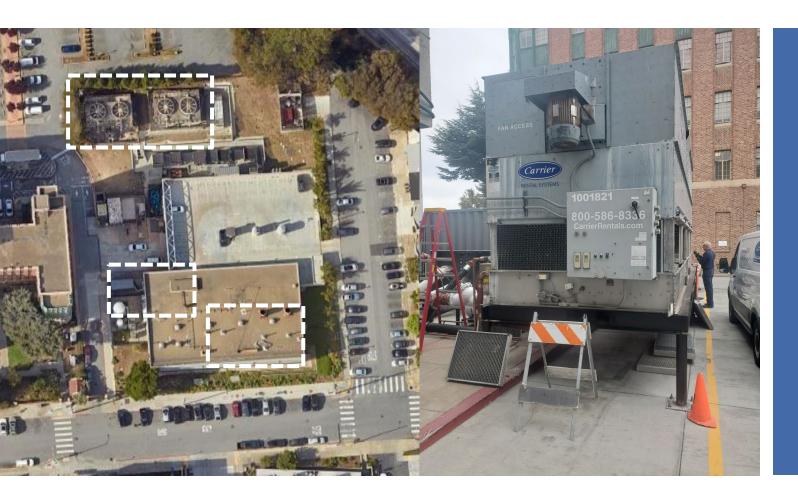


Emergency Declaration Projects – Request for Approval



- 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 unrepairable 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



San Francisco Public Works General – Director's Office 49 South Van Ness Ave., Suite 1600 San Francisco, CA 94103

(628) 271-3160 www.SFPublicWorks.org

Public Works Order No: 208613

SAN FRANCISCO PUBLIC WORKS EMERGENCY DECLARED

An **Emergency** exists at **Zuckerberg San Francisco General Hospital** (ZSFG) located at 1001 Potrero Avenue, San Francisco, CA 94110.

In 2016, the 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 7B, 7C and 1B, a Skilled Nursing Unit (SNF) in 4A and many Outpatient clinics and services. Additionally, Building 5 houses the Materials Management 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.

Cooling is provided to Building 5 and Building 3 by a series of Cooling Towers located adjacent to the powerplant and Chillers (Building 2).

On 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 unrepairable and will remain inoperable until a replacement project is completed.

An absence of adequate cooling during high-heat days could result in the suspension of Outpatient care, cause serious affects to Inpatient/Acute Care services, and possibly require relocation of Inpatient beds from Building 5. DPH is procuring 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.

Therefore, an Emergency is declared to exist under the provisions of Sections 6.60(c)(2) and 6.60(c)(3) of the San Francisco Administrative Code to address the catastrophic failure of the Cooling Towers at ZSFG. The estimated cost for the emergency work will exceed the \$250,000 threshold amount, requiring additional approvals per San Francisco Administrative Code Chapter 6.60.

Any Contractor shall be required to indemnify and hold harmless the City & County of San Francisco, its officers, agents and employees and furnish certificates of insurance protecting Contractor, any sub-contractors and the City & County of San Francisco and its officers, agents and employees against claims arising out of work performed pursuant to this order with the City & County of San Francisco, its officers, agents and employees named as additional insureds.

Attachments: DPH Emergency Declaration Request to SFPW

DISTRIBUTION:

DPH: Grant.Colfax@sfdph.org; jason.zook@sfdph.org

SFPW BDC: Christine.Tang@sfdpw.org; Julia.Laue@sfdpw.org;

Deputy Director: Ronald.Alameida@sfdpw.org; Bruce.Robertson@sfdpw.org

Contract Admin: ContractAdmin.Staff@sfdpw.org

Short, Carla 073CF73A4EA6486...

Interim Director of Public Works

DocuSigned by: Lauren Post

-A1ADD0B946964CD...

9/13/2023 | 2:18:37 PM PDT

Lauren Post

Chair, Public Works Commission

San Francisco Department of Public Health

Grant Colfax, MD



Director of Health

London N. Breed Mayor

September 7, 2023

Dear Director Short:

The Department of Public Health (DPH) respectfully requests that the Director of Public Works declare an emergency under San Francisco Administrative Code Section 6.60 to enable the City to perform construction-related repairs and other emergency work at Zuckerberg San Francisco General Hospital and Trauma Center (ZSFG).

Background:

In 2016, 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 7B, 7C and 1B, a Skilled Nursing Unit (SNF) in 4A and many Outpatient Clinics and services. Additionally, building 5 houses the Materials Management 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 Building 25 and 5. Building 3 houses the Pathology Lab which services all patient care services on campus.

Cooling is provided to Building 5 and Building 3 by a series of Cooling towers located adjacent to the powerplant and Chillers (Building 2).

On September 6, 2023, the Cooling Towers unexpectedly and catastrophically failed sending six foot long (75lb) fan blades into the air. These blades damaged safety fencing and some debris landed in parking areas. Thankfully, no injuries occurred. The Cooling Towers are unrepairable and will remain inoperable until a replacement project is completed.

An absence of adequate cooling during high heat days could result in the suspension of outpatient care, serious affects to Inpatient/Acute Care services and the possible required relocation of Inpatient beds from Building 5. DPH is procuring mobile temporary cooling equipment as a stop-gap measure, but this is a temporary solution that may be unable to meet cooling demand on high-heat days. As you know, DPH has secured funding and has been actively working in partnership with DPW 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.



San Francisco Department of Public Health

Grant Colfax, MD Director of Health

DPH respectfully requests that DPW partner to declare an emergency replacement of the Chillers and Cooling Towers located at the powerplant, ZSFG, 1001 Potrero Avenue. There is a nearly permitted (OSHPD) design prepared by DPW. We ask to fast-track the remaining processes necessary to complete this work including the on-boarding of General Contractor (GC) to complete:

Chiller and Cooling Towers Replacement projects (OSHPD # S211545-38-00 & H220692-38-00)

Emergency Contract Authorization:

SHOW

Pursuant to Section 6.60(c)(3) of the Administrative Code, which states an "actual emergency" includes, "Unforeseen occurrences of unusual character resulting in an insufficient number of hospital beds or the lack of hospital beds or the lack of hospital, surgical, mental health or hospital ancillary services so as to leave patients of the City without required hospital or medical services," DPH respectfully requests that the Director of Public Works declare an emergency and authorize the projects listed above to proceed under a Public Works emergency declaration.

Dr. Grant Colfax Director

San Francisco Department of Public Health



49 South Van Ness Avenue, Suite 1400 San Francisco, CA 94103 628.652.7600 www.sfplanning.org

CEQA Exemption Determination

PROPERTY INFORMATION/PROJECT DESCRIPTION

Project Address			Block/Lot(s)	
DPW: ZSFG Building 2 Cooling Tower Replacement / 1001 Potrero Aven		Cooling Tower Replacement / 1001 Potrero Avenu	ւ 4154001	
Case No.			Permit No.	
2023-	003185ENV			
Ad	ldition/	☐ Demolition (requires HRE for	New	
Alt	teration	Category B Building)	Construction	
Project description for Planning Department approval. DPW: ZSFG Building 2 Cooling Tower Replacement / 1001 Potrero Avenue, Building 2 Plant Building - Project is permitted through the California Department of Health Care Access and Information (HCAI) and not through the SF Department of Building Inspection, but HCASI relies on local jurisdictions for CEQA compliance. This project takes place at the existing Building 2 Plant Building on the ZSFG campus. Demolish the existing cooling towers and associated upper pad and replace with a similar height cooling tower. New pad for replacement cooling tower will be lower. The tower is not visible from the public way or streets, as they are behind the existing Plant Building. Provide three vertically mounted pumps, filtration system, associated piping, valves, and instrumentations. Pumps, filtration system, piping, valves and instruments are to be installed at grade that connect to the cooling tower. An 8' tall chain-link fence is being installed to secure the cooling tower. A 7' tall transformer will be installed on a concrete pad behind existing 8' high chain-link fencing. Provide steel frame to support elevated cooling tower and fencing. Install new retaining wall, stairs, and handrails. Power and temperature control system to be provided for the cooling tower and pumps. Fencing = 268'-8" Total LengthRetaining Wall – 63' 11-1/2" Total FULL PROJECT DESCRIPTION ATTACHED				
The p	Class 1 - Existin	etermined to be exempt under the California Engraphic gracilities. Interior and exterior alterations; addit	ions under 10,000 sq. ft.	
		onstruction. Up to three new single-family resider e structures; utility extensions; change of use unde		
	sq. ft. and meets (a) The project is policies as well a (b) The proposed substantially surr (c) The project si (d) Approval of th water quality. (e) The site can be	Development. New Construction of seven or most the conditions described below: so consistent with the applicable general plan designs with applicable zoning designation and regulated development occurs within city limits on a project rounded by urban uses. It is has no value as habitat for endangered rare or the project would not result in any significant effect the adequately served by all required utilities and particular planning use only	nation and all applicable general plan ons. It site of no more than 5 acres threatened species. Is relating to traffic, noise, air quality, or	
	Other			
		Exemption (CEQA Guidelines section 15061(b) bility of a significant effect on the environment. FO	* **	

STEP 2: ENVIRONMENTAL SCREENING ASSESSMENT TO BE COMPLETED BY PROJECT PLANNER

	Air Quality: Would the project add new sensitive receptors (specifically, schools, day care facilities, hospitals, residential dwellings, and senior-care facilities within an Air Pollution Exposure Zone? Does the project have the potential to emit substantial pollutant concentrations (e.g. use of diesel construction equipment, backup diesel generators, heavy industry, diesel trucks, etc.)? (refer to The Environmental Information tab on the https://sfplanninggis.org/pim/)
	Hazardous Materials: If the project site is located on the Maher map or is suspected of containing hazardous materials (based on a previous use such as gas station, auto repair, dry cleaners, or heavy manufacturing, or a site with underground storage tanks): Would the project involve 50 cubic yards or more of soil disturbance - or a change of use from industrial to residential? Note that a categorical exemption shall not be issued for a project located on the Cortese List if box is checked, note below whether the applicant has enrolled in or received a waiver from the San Francisco Department of Public Health (DPH) Maher program, or if Environmental Planning staff has determined that hazardous material effects would be less than significant. (refer to The Environmental Information tab on the https://sfplanninggis.org/pim/)
	Transportation: Does the project involve a child care facility or school with 30 or more students, or a location 1,500 sq. ft. or greater? Does the project have the potential to adversely affect transit, pedestrian and/or bicycle safety (hazards) or the adequacy of nearby transit, pedestrian and/or bicycle facilities?
	Archeological Resources: Would the project result in soil disturbance/modification greater than two (2) feet below grade in an archeological sensitive area or eight (8) feet in a non-archeological sensitive area? If yes, archeology review is required.
	Subdivision/Lot Line Adjustment: Does the project site involve a subdivision or lot line adjustment on a lot with a slope average of 20% or more? (refer to The Environmental Information tab on the https://sfplanninggis.org/pim/) If box is checked, Environmental Planning must issue the exemption.
	Average Slope of Parcel = or > 25%, or site is in Edgehill Slope Protection Area or Northwest Mt. Sutro Slope Protection Area: Does the project involve any of the following: (1) New building construction, except one-story storage or utility occupancy, (2) horizontal additions, if the footprint area increases more than 50%, or (3) horizontal and vertical additions increase more than 500 square feet of new projected roof area? (refer to The Environmental Planning tab on the https://sfplanninggis.org/pim/) If box is checked, a geotechnical report is likely required and Environmental Planning must issue the exemption.
	Seismic Hazard: Landslide or Liquefaction Hazard Zone: Does the project involve any of the following: (1) New building construction, except one-story storage or utility occupancy, (2) horizontal additions, if the footprint area increases more than 50%, (3) horizontal and vertical additions increase more than 500 square feet of new projected roof area, or (4) grading performed at a site in the landslide hazard zone? (refer to The Environmental tab on the https://sfplanninggis.org/pim/) If box is checked, a geotechnical report is required and Environmental Planning must issue the exemption.
Com	ments and Planner Signature (optional): Rebecca Salgado
SCM	1 Accidental discovery required.
cons	project does not require a building or grading permit and Maher does not apply, but the project would require truction specifications for protection for workers and the public, and for hazardous-materials handling and osal to meet state and federal regulatory requirements.

STEP 3: PROPERTY STATUS - HISTORIC RESOURCE TO BE COMPLETED BY PROJECT PLANNER PROPERTY IS ONE OF THE FOLLOWING: (refer to Property Information Map) Category A: Known Historical Resource. GO TO STEP 5. Category B: Potential Historical Resource (over 45 years of age). GO TO STEP 4. Category C: Not a Historical Resource or Not Age Eligible (under 45 years of age). GO TO STEP 6. STEP 4: PROPOSED WORK CHECKLIST TO BE COMPLETED BY PROJECT PLANNER Check all that apply to the project. 1. Change of use and new construction. Tenant improvements not included. 2. Regular maintenance or repair to correct or repair deterioration, decay, or damage to building. 3. Window replacement that meets the Department's Window Replacement Standards. Does not include storefront window alterations. 4. Garage work. A new opening that meets the Guidelines for Adding Garages and Curb Cuts, and/or replacement of a garage door in an existing opening that meets the Residential Design Guidelines. 5. Deck, terrace construction, or fences not visible from any immediately adjacent public right-of-way. 6. Mechanical equipment installation that is not visible from any immediately adjacent public right-of-way. 7. **Dormer installation** that meets the requirements for exemption from public notification under *Zoning* Administrator Bulletin No. 3: Dormer Windows. 8. Addition(s) that are not visible from any immediately adjacent public right-of-way for 150 feet in each direction; does not extend vertically beyond the floor level of the top story of the structure or is only a П single story in height; does not have a footprint that is more than 50% larger than that of the original building; and does not cause the removal of architectural significant roofing features. Note: Project Planner must check box below before proceeding. Project is not listed. GO TO STEP 5. Project does not conform to the scopes of work. GO TO STEP 5. Project involves four or more work descriptions. GO TO STEP 5. Project involves less than four work descriptions. GO TO STEP 6. STEP 5: ADVANCED HISTORICAL REVIEW TO BE COMPLETED BY PRESERVATION PLANNER Check all that apply to the project. 1. Reclassification of property status. (Attach HRER Part I) П Reclassify to Category A Reclassify to Category C a. Per HRER (No further historic review) b. Other (specify): 2. Project involves a known historical resource (CEQA Category A) as determined by Step 3 and conforms entirely to proposed work checklist in Step 4. 3. Interior alterations to publicly accessible spaces that do not remove, alter, or obscure character defining features. 4. Window replacement of original/historic windows that are not "in-kind" but are consistent with existing historic character. 5. Façade/storefront alterations that do not remove, alter, or obscure character-defining features.

	6. Raising the building in a manner that does not remove, alter, features.	or obscure character-defining
	7. Restoration based upon documented evidence of a building's photographs, plans, physical evidence, or similar buildings.	historic condition, such as historic
•	8. Work consistent with the <i>Secretary of the Interior Standards fo</i> (<i>Analysis required</i>): See project description	or the Treatment of Historic Properties
	9. Work compatible with a historic district (Analysis required):	
	10. Work that would not materially impair a historic resource (A	ttach HRER Part II).
	Note: If ANY box in STEP 5 above is checked, a Preser	vation Planner MUST sign below.
	Project can proceed with exemption review . The project has be Preservation Planner and can proceed with exemption review. Go	
	ents (optional): vation Planner Signature: Rebecca Salgado	
	EP 6: EXEMPTION DETERMINATION BE COMPLETED BY PROJECT PLANNER	
	No further environmental review is required. The project is executed unusual circumstances that would result in a reasonable poss	-
	Project Approval Action:	Signature:
	Public Works Commission	Rebecca Salgado
		07/26/2023
	Supporting documents are available for review on the San Francisco Pro accessed at https://sfplanninggis.org/pim/. Individual files can be viewed link, clicking the "More Details" link under the project's environmental rethe "Related Documents" link. Once signed and dated, this document constitutes an exemption pursua the SF Admin Code. Per Chapter 31, an appeal of an exemption determ	by clicking on the Planning Applications cord number (ENV) and then clicking on the CEQA Guidelines and Chapter 31 of

be filed within 30 days after the Approval Action occurs at a noticed public hearing, or within 30 days after posting on the Planning Department's website a written decision or written notice of the Approval Action, if the approval is

not made at a noticed public hearing.

Full Project Description

DPW: ZSFG Building 2 Cooling Tower Replacement / 1001 Potrero Avenue, Building 2 Plant Building - Project is permitted through the California Department of Health Care Access and Information (HCAI) and not through the SF Department of Building Inspection, but HCASI relies on local jurisdictions for CEQA compliance.

This project takes place at the existing Building 2 Plant Building on the ZSFG campus. Demolish the existing cooling towers and associated upper pad and replace with a similar height cooling tower. New pad for replacement cooling tower will be lower. The tower is not visible from the public way or streets, as they are behind the existing Plant Building. Provide three vertically mounted pumps, filtration system, associated piping, valves, and instrumentations. Pumps, filtration system, piping, valves and instruments are to be installed at grade that connect to the cooling tower. An 8' tall chain-link fence is being installed to secure the cooling tower. A 7' tall transformer will be installed on a concrete pad behind existing 8' high chain-link fencing. Provide steel frame to support elevated cooling tower and fencing. Install new retaining wall, stairs, and handrails. Power and temperature control system to be provided for the cooling tower and pumps.

Fencing = 268'-8" Total Length Retaining Wall – 63' 11-1/2" Total Length

Necessary backhoe excavations associated with this activity will include an estimated 630 cubic yards of ground disturbance, and modification of existing grade and drainage features. Ground Disturbance for Cooling Tower: Vertical- 5 feet; Horizontal- 3,078 sf

STEP 7: MODIFICATION OF A CEQA EXEMPT PROJECT

TO BE COMPLETED BY PROJECT PLANNER

In accordance with Chapter 31 of the San Francisco Administrative Code, when a California Environmental Quality Act (CEQA) exempt project changes after the Approval Action and requires a subsequent approval, the Environmental Review Officer (or his or her designee) must determine whether the proposed change constitutes a substantial modification of that project. This checklist shall be used to determine whether the proposed changes to the approved project would constitute a "substantial modification" and, therefore, be subject to additional environmental review pursuant to CEQA.

MODIFIED PROJECT DESCRIPTION

Modified Project Description:			
DEI	TERMINATION IF PROJECT (CONSTITUTES SUBSTANTIAL MODIFICATION	
Comp	pared to the approved project, w	ould the modified project:	
	Result in expansion of the building envelope, as defined in the Planning Code;		
	Result in the change of use that would require public notice under Planning Code Sections 311 or 312;		
	Result in demolition as defined under Planning Code Section 317 or 19005(f)?		
	Is any information being presented that was not known and could not have been known at the time of the original determination, that shows the originally approved project may no longer qualify for the exemption?		
If at least one of the above boxes is checked, further environmental review is required			
DET	ERMINATION OF NO SUBSTAN	NTIAL MODIFICATION	
	The proposed modification wor	uld not result in any of the above changes.	
If this box is checked, the proposed modifications are exempt under CEQA, in accordance with prior project approval and no additional environmental review is required. This determination shall be posted on the Planning Department website and office and mailed to the applicant, City approving entities, and anyone requesting written notice. In accordance with Chapter 31, Sec 31.08j of the San Francisco Administrative Code, an appeal of this determination can be filed to the Environmental Review Officer within 10 days of posting of this determination.			
Plani	Planner Name: Date:		



CEQA Exemption Determination

PROPERTY INFORMATION/PROJECT DESCRIPTION

Project Address		Block/Lot(s)	
DPW: ZSFG Building 2 Chiller Replacement - 1001 Potrero Avenue		4154001	
Case No.		Permit No.	
2023-	003187ENV		
☐ Ac	Idition/ Demolition (requires HRE for	New	
Alt	teration Category B Building)	Construction	
Project description for Planning Department approval. DPW: ZSFG Building 2 Chiller Replacement - 1001 Potrero Avenue - Project is permitted through the California Department of Health Care Access and Information (HCAI) and not through the SF Department of Building Inspection, but HCASI relies on local jurisdictions for CEQA compliance. This project is for replacement of two existing boilers with one new boiler, and one of two existing absorption chiller with three new electric centrifugal chillers. A new fire rated wall is to separate the chillers and boilers. The new boiler, chillers and fire rated wall are to be on the interior of the building and will not be seen from the public way. The new chiller room also requires a permanent exit to exterior, dedicated ventilation, and continuous monitoring of refrigerant. The project includes the installation of a new exterior electrical transformer, breaker switch and related electrical duct bank. Located to the west of the building behind a 8' tall chain-link fence, three 10' tall ATSs and one 7' tall transformer will be provided. The tops of ATSs may be visible from the public way, but are set back about 200' from 22nd street. This work also includes some upgrades to exterior sidewalk improvements and grading and drainage related to the electrical equipment. Additional scope include exterior transformer, slab, retaining walls, FULL PROJECT DESCRIPTION ATTACHED			
	STEP 1: EXEMPTION TYPE The project has been determined to be exempt under the California Environmental Quality Act (CEQA).		
	Class 1 - Existing Facilities. Interior and exterior alterations; add	itions under 10,000 sq. ft.	
	Class 3 - New Construction. Up to three new single-family reside commercial/office structures; utility extensions; change of use und with a CU.		
	Class 32 - In-Fill Development. New Construction of seven or mosq. ft. and meets the conditions described below: (a) The project is consistent with the applicable general plan designation and regulative policies as well as with applicable zoning designation and regulative (b) The proposed development occurs within city limits on a project substantially surrounded by urban uses. (c) The project site has no value as habitat for endangered rare of (d) Approval of the project would not result in any significant effect water quality. (e) The site can be adequately served by all required utilities and FOR ENVIRONMENTAL PLANNING USE ONLY	gnation and all applicable general plan ions. ct site of no more than 5 acres r threatened species. ets relating to traffic, noise, air quality, or	
	Other		
	Common Sense Exemption (CEQA Guidelines section 15061(but there is no possibility of a significant effect on the environment. For	• • • • • • • • • • • • • • • • • • • •	

STEP 2: ENVIRONMENTAL SCREENING ASSESSMENT TO BE COMPLETED BY PROJECT PLANNER

	Air Quality: Would the project add new sensitive receptors (specifically, schools, day care facilities, hospitals, residential dwellings, and senior-care facilities within an Air Pollution Exposure Zone? Does the project have the potential to emit substantial pollutant concentrations (e.g. use of diesel construction equipment, backup diesel generators, heavy industry, diesel trucks, etc.)? (refer to The Environmental Information tab on the https://sfplanninggis.org/pim/)
	Hazardous Materials: If the project site is located on the Maher map or is suspected of containing hazardous materials (based on a previous use such as gas station, auto repair, dry cleaners, or heavy manufacturing, or a site with underground storage tanks): Would the project involve 50 cubic yards or more of soil disturbance - or a change of use from industrial to residential? Note that a categorical exemption shall not be issued for a project located on the Cortese List if box is checked, note below whether the applicant has enrolled in or received a waiver from the San Francisco Department of Public Health (DPH) Maher program, or if Environmental Planning staff has determined that hazardous material effects would be less than significant. (refer to The Environmental Information tab on the https://sfplanninggis.org/pim/)
	Transportation: Does the project involve a child care facility or school with 30 or more students, or a location 1,500 sq. ft. or greater? Does the project have the potential to adversely affect transit, pedestrian and/or bicycle safety (hazards) or the adequacy of nearby transit, pedestrian and/or bicycle facilities?
	Archeological Resources: Would the project result in soil disturbance/modification greater than two (2) feet below grade in an archeological sensitive area or eight (8) feet in a non-archeological sensitive area? If yes, archeology review is required.
	Subdivision/Lot Line Adjustment: Does the project site involve a subdivision or lot line adjustment on a lot with a slope average of 20% or more? (refer to The Environmental Information tab on the https://sfplanninggis.org/pim/) If box is checked, Environmental Planning must issue the exemption.
	Average Slope of Parcel = or > 25%, or site is in Edgehill Slope Protection Area or Northwest Mt. Sutro Slope Protection Area: Does the project involve any of the following: (1) New building construction, except one-story storage or utility occupancy, (2) horizontal additions, if the footprint area increases more than 50%, or (3) horizontal and vertical additions increase more than 500 square feet of new projected roof area? (refer to The Environmental Planning tab on the https://sfplanninggis.org/pim/) If box is checked, a geotechnical report is likely required and Environmental Planning must issue the exemption.
	Seismic Hazard: Landslide or Liquefaction Hazard Zone: Does the project involve any of the following: (1) New building construction, except one-story storage or utility occupancy, (2) horizontal additions, if the footprint area increases more than 50%, (3) horizontal and vertical additions increase more than 500 square feet of new projected roof area, or (4) grading performed at a site in the landslide hazard zone? (refer to The Environmental tab on the https://sfplanninggis.org/pim/) If box is checked, a geotechnical report is required and Environmental Planning must issue the exemption.
Com	ments and Planner Signature (optional): Rebecca Salgado
SCM	1 Accidental discovery required.
cons	project does not require a building or grading permit and Maher does not apply, but the project would require truction specifications for protection for workers and the public, and for hazardous-materials handling and osal to meet state and federal regulatory requirements.

STEP 3: PROPERTY STATUS - HISTORIC RESOURCE TO BE COMPLETED BY PROJECT PLANNER PROPERTY IS ONE OF THE FOLLOWING: (refer to Property Information Map) Category A: Known Historical Resource. GO TO STEP 5. Category B: Potential Historical Resource (over 45 years of age). GO TO STEP 4. Category C: Not a Historical Resource or Not Age Eligible (under 45 years of age). GO TO STEP 6. STEP 4: PROPOSED WORK CHECKLIST TO BE COMPLETED BY PROJECT PLANNER Check all that apply to the project. 1. Change of use and new construction. Tenant improvements not included. 2. Regular maintenance or repair to correct or repair deterioration, decay, or damage to building. 3. Window replacement that meets the Department's Window Replacement Standards. Does not include storefront window alterations. 4. Garage work. A new opening that meets the Guidelines for Adding Garages and Curb Cuts, and/or replacement of a garage door in an existing opening that meets the Residential Design Guidelines. 5. Deck, terrace construction, or fences not visible from any immediately adjacent public right-of-way. 6. Mechanical equipment installation that is not visible from any immediately adjacent public right-of-way. 7. **Dormer installation** that meets the requirements for exemption from public notification under *Zoning* Administrator Bulletin No. 3: Dormer Windows. 8. Addition(s) that are not visible from any immediately adjacent public right-of-way for 150 feet in each direction; does not extend vertically beyond the floor level of the top story of the structure or is only a П single story in height; does not have a footprint that is more than 50% larger than that of the original building; and does not cause the removal of architectural significant roofing features. Note: Project Planner must check box below before proceeding. Project is not listed. GO TO STEP 5. Project does not conform to the scopes of work. GO TO STEP 5. Project involves four or more work descriptions. GO TO STEP 5. Project involves less than four work descriptions. GO TO STEP 6. STEP 5: ADVANCED HISTORICAL REVIEW TO BE COMPLETED BY PRESERVATION PLANNER Check all that apply to the project. 1. Reclassification of property status. (Attach HRER Part I) П Reclassify to Category A Reclassify to Category C a. Per HRER (No further historic review) b. Other (specify): 2. Project involves a known historical resource (CEQA Category A) as determined by Step 3 and conforms entirely to proposed work checklist in Step 4. 3. Interior alterations to publicly accessible spaces that do not remove, alter, or obscure character defining features. 4. Window replacement of original/historic windows that are not "in-kind" but are consistent with existing historic character. 5. Façade/storefront alterations that do not remove, alter, or obscure character-defining features.

	6. Raising the building in a manner that does not remove, alter, or obscure character-defining features.		
	7. Restoration based upon documented evidence of a building's historic condition, such as historic photographs, plans, physical evidence, or similar buildings.		
•	8. Work consistent with the <i>Secretary of the Interior Standards fo</i> (<i>Analysis required</i>): See project description	or the Treatment of Historic Properties	
	9. Work compatible with a historic district (Analysis required):		
	10. Work that would not materially impair a historic resource (Attach HRER Part II).		
	Note: If ANY box in STEP 5 above is checked, a Preservation Planner MUST sign below.		
	Project can proceed with exemption review. The project has been reviewed by the Preservation Planner and can proceed with exemption review. GO TO STEP 6.		
	ents (optional): vation Planner Signature: Rebecca Salgado		
	EP 6: EXEMPTION DETERMINATION BE COMPLETED BY PROJECT PLANNER		
	No further environmental review is required. The project is exempt under CEQA. There are no unusual circumstances that would result in a reasonable possibility of a significant effect.		
	Project Approval Action:	Signature:	
	Public Works Commission	Rebecca Salgado	
		07/26/2023	
	Supporting documents are available for review on the San Francisco Property Information Map, which can be accessed at https://sfplanninggis.org/pim/. Individual files can be viewed by clicking on the Planning Applications link, clicking the "More Details" link under the project's environmental record number (ENV) and then clicking on the "Related Documents" link. Once signed and dated, this document constitutes an exemption pursuant to CEQA Guidelines and Chapter 31 of the SF Admin Code. Per Chapter 31, an appeal of an exemption determination to the Board of Supervisors shall		

be filed within 30 days after the Approval Action occurs at a noticed public hearing, or within 30 days after posting on the Planning Department's website a written decision or written notice of the Approval Action, if the approval is

not made at a noticed public hearing.

Full Project Description

DPW: ZSFG Building 2 Chiller Replacement - 1001 Potrero Avenue - Project is permitted through the California Department of Health Care Access and Information (HCAI) and not through the SF Department of Building Inspection, but HCASI relies on local jurisdictions for CEQA compliance.

This project is for replacement of two existing boilers with one new boiler, and one of two existing absorption chiller with three new electric centrifugal chillers. A new fire rated wall is to separate the chillers and boilers. The new boiler, chillers and fire rated wall are to be on the interior of the building and will not be seen from the public way. The new chiller room also requires a permanent exit to exterior, dedicated ventilation, and continuous monitoring of refrigerant. The project includes the installation of a new exterior electrical transformer, breaker switch and related electrical duct bank. Located to the west of the building behind a 8' tall chain-link fence, three 10' tall ATSs and one 7' tall transformer will be provided. The tops of ATSs may be visible from the public way, but are set back about 200' from 22nd street. This work also includes some upgrades to exterior sidewalk improvements and grading and drainage related to the electrical equipment. Additional scope include exterior transformer, slab, retaining walls, interior main switchboard, and new exterior louvers. New exterior louvers will replace approximately 50 sf of existing louvers in the existing curtain wall system.

Slab foundation with retaining walls
Dimensions and ground disturbance for retaining walls, chain link fence, etc.
Cooling Tower Retaining wall (on slab):
6' 2 3/8" x 3' 5 1/16"
42' 2 1/4" x 5' 0"
15' 6 7/8" x 8' 4 7/8"

Transformer Retaining wall (on slab): 76'-1" (total length) x 6' 5"

Chain Link Fence:

8' high x 198' total (No new fencing. Just replacement of some existing fence along the driveway and a new gate in existing fence along the fire lane.)

Necessary backhoe excavations associated with this activity will include an estimated 430 cubic yards of ground disturbance, and modification of existing grade and drainage features. Chiller ground disturbance limits: Vertical-5 feet; Horizontal-1,533 sf

STEP 7: MODIFICATION OF A CEQA EXEMPT PROJECT

TO BE COMPLETED BY PROJECT PLANNER

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MODIFIED PROJECT DESCRIPTION

Modif	fied Project Description:			
DETERMINATION IF PROJECT CONSTITUTES SUBSTANTIAL MODIFICATION				
Compared to the approved project, would the modified project:				
	Result in expansion of the building envelope, as defined in the Planning Code;			
	Result in the change of use that would require public notice under Planning Code Sections 311 or 312;			
	Result in demolition as defined under Planning Code Section 317 or 19005(f)?			
	Is any information being presented that was not known and could not have been known at the time of the original determination, that shows the originally approved project may no longer qualify for the exemption?			
If at least one of the above boxes is checked, further environmental review is required				
DETERMINATION OF NO SUBSTANTIAL MODIFICATION				
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Plani	ner Name:	Date:		

 From:
 Paulino, Tom (MYR)

 To:
 BOS Legislation, (BOS)

 Cc:
 Schneider, Ian (DPW)

Subject: Mayor -- Resolution -- Zuckerberg San Francisco General Hospital Building 2

Date: Tuesday, November 14, 2023 3:43:51 PM

Attachments: Res - Emergency Declaration - ZSFG B2 Chiller Boiler and Cooling Tower Final.doc

2023-003185ENV-CEQA Checklist2023-07-31(12-57-56).pdf 2023-003187ENV-CEQA Checklist2023-07-31(12-52-42).pdf

230908 Chiller and Cooling Tower - DPH ZSFG - Emergency Declaration.pdf

ZSFG Chillers & Cooling Towers Emergency Declaration.pdf

Hello Clerks,

Attached for introduction to the Board of Supervisors is a Resolution approving the Director of Public Works' declaration of emergency under Administrative Code Section 6.60 to replace chiller, boiler, and cooling tower and perform associated repair and upgrades at Zuckerberg San Francisco General Hospital located at 1001 Potrero Avenue; affirming the Planning Department's determination under the California Environmental Quality Act.

Cheers,

Tom Paulino

He/Him Liaison to the Board of Supervisors Office of the Mayor City and County of San Francisco