



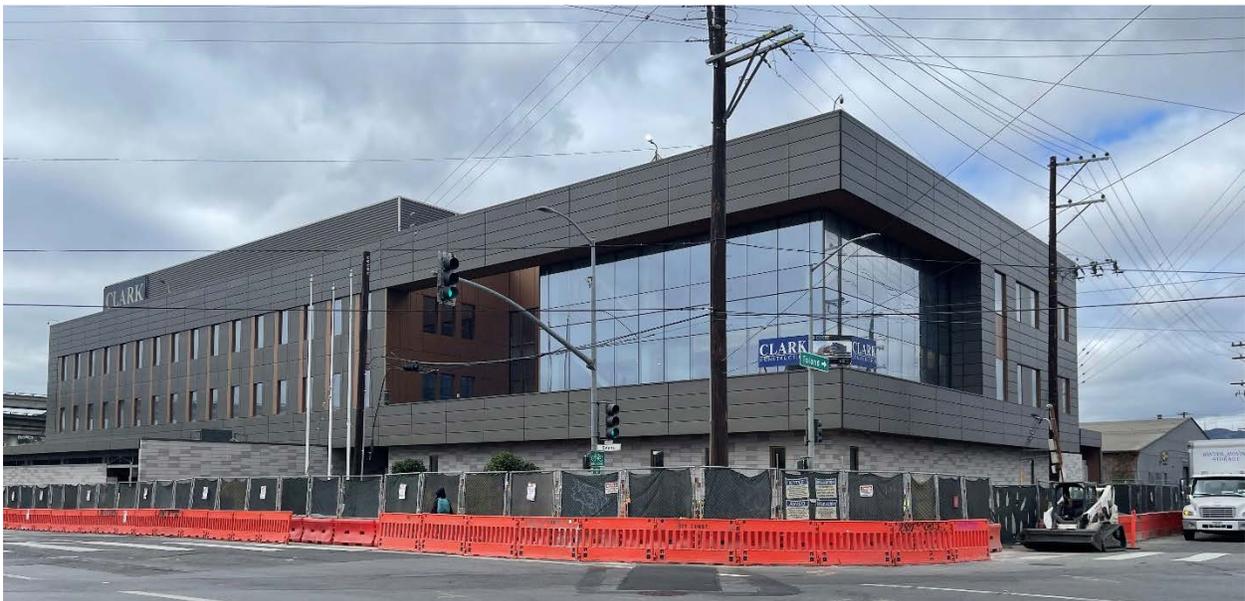
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# The Earthquake Safety and Emergency Response Bond Program 2010, 2014 & 2020

## Quarterly Status Report

April through June 2021



*Traffic Company & Forensic Services Division at 1995 Evans Avenue*

Prepared for the:

- Office of the Chief Medical Examiner
- Department of Emergency Management
- San Francisco Fire Department
- San Francisco Police Department
- Public Utilities Commission
- Recreation and Parks Department

Submitted by

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Program Manager

# Earthquake Safety and Emergency Response Bond Program

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## (ESER 2010, 2014 & 2020)

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# Earthquake Safety and Emergency Response Bond Program

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## (ESER 2010, 2014 & 2020)

### Executive Summary

The \$412.3 million **Earthquake Safety and Emergency Response 2010 (ESER 2010) Bond Program** consists of three components: **Public Safety Building, Neighborhood Fire Stations & Support Facilities**, and **Auxiliary Water Supply System**.

The \$400 million **Earthquake Safety and Emergency Response 2014 (ESER 2014) Bond Program** consists of five components: **Office of the Chief Medical Examiner, Traffic Company & Forensic Services Division, Neighborhood Fire Stations & Support Facilities, Emergency Firefighting Water System**, and **Police Facilities**.

The \$628.5 million **Earthquake Safety and Emergency Response 2020 (ESER 2020) Bond Program** consists of five components: **Emergency Firefighting Water System, Neighborhood Fire Stations & Support Facilities, District Police Station & Support Facilities, Disaster Response Facilities, and 9-1-1 Call Center**.

The *Office of the Chief Medical Examiner* project was inaugurated in November 2017 and is fully operational. The project was awarded LEED Gold certification in June 2021.

The *Traffic Company & Forensic Services Division* construction continues to progress apace. During the current reporting period the exterior envelope was completed, interior build-out continued, and permanent power and gas service were delivered to the facility.

Under *Neighborhood Fire Stations* component, the floating *Fireboat Station 35* has seen the exterior envelope completed, substantial progress at the building's interiors, and structural strengthening work at the north and south aprons of Pier 22½; the *Focused Scope* category projects are proceeding apace, adhering to stipulated schedules and budgets. Under ESER 2020, initial planning work has commenced on the Fire Training Facility and Fire Station 7 Replacement projects and an MOU between Public Works and the Fire Department is under review. Work on CEQA Report to secure property has started with a deadline submission of December 27, 2021.

Under ESER 2014 *Police Facilities* component, the *Northern, Taraval, and Richmond Station Renovation Project* achieved Final Completion on March 26, 2021; the *Park and Ingleside Station Project* achieved Final Completion on March 3, 2021; and the *Bayview and Tenderloin Station MEP Upgrades Project* anticipates achieving Final Completion in July 2021. Under ESER 2020, the *Police Facilities* component will consist of four selected improvement projects: *Ingleside District Police Station Replacement; Lake Merced Police Pistol Range Replacement; Mission District Police Station Structural Improvement*; and the construction of a temporary *Police Surge Facility* to enable the work at the Ingleside site. Planning and conceptual design

# Earthquake Safety and Emergency Response Bond Program

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## (ESER 2010, 2014 & 2020)

work began in April 2021 for some of these projects. The Mission District Police Station Structural Improvement will be the first project to begin construction mid-2022.

The Public Utilities Commission manages the projects under the *Auxiliary Water Supply System* and the *Emergency Firefighting Water System* components for all three programs. Construction continued on the Pumping Station 2 (WD-2687), Clarendon Supply Pipeline (WD-2861), and 19th Ave Pipeline (2652J) contracts. Construction on the Terry Francois Boulevard/Mission Rock/Warriors Way Pipeline (DB-129.1) started in December 2020 and is expected to be complete in September 2021 subject to COVID-19 restrictions.

The Recreation and Parks Department manages the *Disaster Response Facilities* component under ESER 2020. The project concept plan is moving forward with formal engagement with the Planning Department's Historic Preservation Division and starting the review as it relates to CEQA. Exploratory investigation work has begun on hazardous material surveys as well as geotechnical evaluations. The project team will be working on engaging with the various regulatory requirements with the Historic Preservation Commission, Civic Design, DEM and the general public over the next several months.

Under ESER 2020, the *9-1-1 Call Center* project is underway in design phase, the project is expected to complete design phase in early 2022 and begin construction in summer of 2022.

ESER 2020 program received proceeds from the first bond sale in March 2021 and are expecting the second issuance funding to arrive in early August 2021. Pre-bond expenditures are under review and will be reimbursed to Capital Planning.

To date, the ESER 2010 program has received the proceeds of six bond sales totaling \$412,300,000 and in addition has received interest earned with a current total appropriation of \$415,372,929. The ESER 2014 program has received the proceeds of three bond sales totaling \$397,988,157, inclusive of savings from cost of issuance which has been appropriated to the other program components. The ESER 2020 program has received the proceeds from the first bond sale, totaling \$80,536,045.

Please refer to the following report for further details or visit the ESER website at [www.sfearthquakesafety.org](http://www.sfearthquakesafety.org) for previously issued reports.

# Earthquake Safety and Emergency Response Bond Program (ESER 2010, 2014 & 2020)

## Program Summary and Status

### Public Safety Building (ESER 2010)



Photo © Tim Griffith, 2015

**Location:** Block 8 in the Mission Bay South Redevelopment Area. The block is bounded by Mission Rock, Third, and China Basin Streets.

**Project Description:** The Public Safety Building (PSB) is meant to provide a new venue for the SFPD Headquarters – effectively the command and control administration of the City’s police department – and includes the relocation of Southern District Station and a new Mission Bay Fire Station #4. Included in the project is the reuse of Fire Station #30, which will serve as the Arson Task Force HQ and provide a community meeting room at the ground level. Historic resource consultants have determined that the existing fire station is eligible for the National Register of Historic Places. Consistent with the Mission Bay SEIR Addendum No. 7, Mitigation Measures, Item D.02, this facility will be retained and reused in a manner that preserves its historic integrity. The other components of the project will be designed to be respectful of the historic integrity of the existing fire station.

## Earthquake Safety and Emergency Response Bond Program (ESER 2010, 2014 & 2020)

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**Project Background:** The functionality of the entire police department in the event of a major catastrophe relies on the ability of the police leadership within police command center headquarters to promptly and properly coordinate public safety services in the city. The district station plays an equally critical role in providing responsive public safety to residents of San Francisco in a timely manner. This station deploys officers 24/7 to the Southern District, who are the first responders to public calls for service, as well they provide support to other first responders including the Fire Department, Medical Examiner, and emergency medical services.

**Project is complete and the facility is occupied.**

**Project Budget:** Project Cost, inclusive of all change orders to date, tracked to within the Total Project Budget of \$243M (GO Bonds and general funds). Project savings have been reallocated to NFS 2010 bond component; any remaining unspent balances will be reviewed for future spending authorization and reallocation.

# Earthquake Safety and Emergency Response Bond Program (ESER 2010, 2014 & 2020)

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## Neighborhood Fire Stations (ESER 2010)

**Component Description:** The ESER bond will renovate or replace selected fire stations to provide improved safety and a healthy work environment for the firefighters. The selected stations are determined according to their importance for achieving the most effective delivery of fire suppression and emergency medical services possible.

**Background:** All of the 43 San Francisco Fire Stations have, as a result of minimal deferred maintenance over decades, yielded building conditions that potentially compromise the safety and health of firefighters. Many stations have structural/seismic and other deficiencies that could inhibit their continuous functionality. It is assumed that some may not be operational after a large earthquake or other disasters, hindering the ability of the firefighters to respond to calls for service. Seismic capacity study of key fire stations –10 of 43- has yielded necessary insight into their ability to sustain operational effectiveness. Additional stations will be examined as funding is provided.

Prior to approval of the bond program, the majority of the City’s fire stations, and support facilities were generally assessed for their respective condition and to identify vulnerabilities or deficiencies that could compromise their essential role as deployment venues for first responders.

For budget planning purposes, the assessment reports were reviewed by cost estimators who prepared estimates of the cost of correcting the conditions noted in the assessments. The cost estimates indicate only the overall “order of magnitude” of the various facility deficiencies and relative proportions of various types of work.

Preliminary assessment of the neighborhood fire stations indicate that the sum of all existing maintenance generated deficiencies would require a budget exceeding \$350M to correct, significantly more funds than are available in this bond for such purposes. Therefore, additional detailed planning is required to focus the expenditures of this bond towards the most beneficial and cost-effective immediate rehabilitation and/or improvement projects.

A list of projects to be completed by the ESER 2010 bond was identified by Public Works and the Fire Administration and accepted by the Fire Commission at their meeting of September 23, 2010.

The ESER 2010 bond program is anticipated to complete improvements to 24 of the 43 neighborhood fire stations. The approved slate of projects was presented to the SF Fire Commission on April 26, 2012.

The following is a detailed status per project:

# Earthquake Safety and Emergency Response Bond Program (ESER 2010, 2014 & 2020)

## Seismic Projects



### **Fire Station No. 16 (Marina District)**

Substantial completion was achieved on January 10, 2019. As a result of the overall delay of the project, Public Works has assessed liquidated damages from July 17, 2018 to January 10, 2019, in the amount of \$474,872. SFFD began occupying and operating out of the new station on January 16, 2019 and a ribbon cutting ceremony was held on January 31, 2019. Final completion was achieved on July 18, 2019.

### **Fire Station No. 5 (Fillmore District)**

SFFD began occupying and operating out of the station on April 29, 2019. A ribbon cutting ceremony was held on May 1, 2019. Final Completion was achieved on February 19, 2020. Final payment was issued to the contractor in April 2020. On December 17, 2020, project was awarded LEED Gold Certification New Construction from the United States Green Building Council (USGBC).



### **Fireboat Station 35: (See *ESER 2014 this report*)**

Fireboat Station 35 will occur within ESER 2014 Program, however, the pre-design and CEQA and environmental review costs of \$687,125 occurred under ESER 2010. The budget that was identified for Station 35 was funded by ESER 2010 and the Fire Facilities Bonds funds totaling \$17M. The ESER 2010 funding will be used to offset Station 5 and 16. The Fire Facilities Bond funds will continue to supplement ESER 2014 funds for Station 35.

### **Equipment Logistics Center (ELC):**

The ELC project was identified after the passage of the bond – it was suggested as a project combining the Bureau of Equipment (BOE) and Emergency Medical Services (EMS). In this configuration, the total functional program area makes it infeasible to occur at the current EMS venue at 1415 Evans; more significantly, the budget for such a project is not available within the ESER 2010 NFS funding.

# Earthquake Safety and Emergency Response Bond Program

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## (ESER 2010, 2014 & 2020)

SFFD requested that Public Works prepare a program analysis and cost estimate for the EMS apart from the BOE for consideration in the proposed 2016 Public Health and Safety Bond – which received 79 percent voter approval in June 2016.

### **Comprehensive Project: Station 36**

Project was successfully completed and SFFD reoccupied the station on November 19, 2014.

### **Focused Scope Projects**

#### **Roof Replacements – 15 Stations – Complete**

Summary: The scope consists of installing new roofing systems and upgrading exhaust fans at fifteen (15) stations (FS 2, 6, 10, 13, 15, 17, 18, 26, 28, 31, 32, 38, 40, 41, and 42).

#### **Exterior Envelope Improvements – 16 Stations – Complete**

Summary: The scope consists of paint and ancillary work to prevent water intrusion at sixteen (16) stations (FS 2, 6, 10, 13, 15, 17, 18, 26, 28, 31, 32, 38, 40, 41, 42, and 49).

#### **Emergency Generator Replacement – 5 Stations – Complete**

Summary: The scope consists of installing new emergency generators and related ancillary scopes of work at five (5) stations (FS 6, 12, 15, 17, and 21).

#### **Shower Reconstruction – 9 Stations – Complete**

Summary: The scope of work consists of installing new shower stalls including shower pans, shower heads, divider walls, glass doors, floor drains, p-traps, access panels, and ancillary scopes of works at nine (9) stations (FS 6, 13, 15, 17, 18, 26, 38, 40, and 41). Stations 17 and 18 were put on hold by SFFD due to scope complexity.

#### **Mechanical Scope – 15 Stations – Complete**

Summary: The scope is structured into two phases: Phase 1 – Investigation and Scope Validation, and Phase 2 – Execution of Work. Work was completed at fifteen (15) stations (FS 2, 6, 10, 13, 15, 17, 18, 26, 28, 31, 32, 38, 40, 41, and 42).

#### **Window Repair – 12 stations – Complete**

Summary: The scope consists of installing new latch, handle, weep holes, sealant and weather-strip to existing windows, replacing broken panes of glasses, and adjusting alignment and resealing the perimeter of the frame to watertight at twelve (12) stations (FS 2, 6, 17, 25, 26, 28, 31, 32, 38, 40, 41, and 42).

### **Additional Focused Scope**

Summary: Additional Focused Scope includes Apparatus Bay Door Replacement at multiple Fire Stations and Exterior Envelope Painting at Fire Department Headquarters. In addition, in July 2017, SFFD requested that additional Fire Stations receive Additional Generator

## Earthquake Safety and Emergency Response Bond Program (ESER 2010, 2014 & 2020)

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Replacements. The funding allocated for Additional Generators will be applied toward a prioritized list of Fire Stations selected by SFFD.

Detail:

- **Emergency Generator Replacement – 1 Station (FS 14)**  
Building permit was issued on June 17, 2021. Contractor procurement will be on hold pending confirmation of available funding.
- **Apparatus Bay Door Replacement – 10 Stations – Complete**  
Contractor completed installation and punchlist work at all 10 fire stations (FS 8, 12, 14, 18, 20, 26, 28, 33, 39, and 43). Final payment to contractor and closeout of contract is in progress.
- **Exterior Envelope Improvements – SFFD Headquarters – Complete**

# Earthquake Safety and Emergency Response Bond Program (ESER 2010, 2014 & 2020)

## Neighborhood Fire Stations (ESER 2014)

**Component Description:** The ESER 2014 bond program continues the work of ESER 2010 bond, categorizing projects according to three sub-categories: Focused Scope, Comprehensive, and Seismic. The ESER 2014 bond program will continue to address identified and prioritized needs at Fire Stations that were previously not addressed under the 2010 program. Significant construction projects will have been completed at all SFFD Fire Stations at the conclusion of the 2010 and 2014 bond programs.

SFFD approved the NFS Focused Scope, Comprehensive and Seismic budget portfolio in April 2015. In April of 2018, SFFD approved an updated budget revision.

Design services are being provided by Public Works Bureaus of Architecture & Engineering, unless otherwise noted.

The following is a detailed status per project:

### Seismic Projects:

#### **Fireboat Station 35 at Pier 22½**

Design-Builder: Swinerton-Power, a Joint Venture and Shah Kawasaki Architects

During the current reporting period, the interior build-out and structural strengthening of the north and south aprons were completed, jib cranes were installed on the float deck, work began on installation of the security fencing and guardrails at the aprons and new observations deck, and PG&E vault was installed at Pier 22½. The first quarter of FY21-22 will see installation of the public art sculpture, *BOW*, designed by Hood Design Studio and completion of sitework.



Construction Progress at New Observation Deck (Photo: 6/24/21)

# Earthquake Safety and Emergency Response Bond Program

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## (ESER 2010, 2014 & 2020)

### **Pier 26 Fireboat Berths**

Design Services: COWI North America; Contractor: Vortex Marine Construction

Substantial Completion issued on September 16, 2020. Final Completion Certificate to be issued in July 2021.

### **Comprehensive Projects:**

#### **Fire Station 3 & 7**

FS 3 was determined to be a potential collapse hazard in the event of a major earthquake based on the structural assessment received from the Public Works IDC-Structural study. SFFD directed the design work to stop and will consider plans for a new FS 3 in its overall seismic portfolio of future bonds. FS 7 was determined to be a project that, as instructed by the CPC, would provide funds to allocate to the TCFSD project. The corresponding \$2.3M in unused project funds were transferred in Q4 FY2021. FS 7 is anticipated to be a project delivered under ESER 2020.

### **Focused Scope Projects:**

The NFS team has moved forward with planning, design, bidding, and construction of the Focused Scope projects in all 9 of the categories: apparatus bay doors, roof replacements, shower renovation, exterior envelope, windows, sidewalk, emergency generator, and mechanical projects. ESER 2014 Focused Scope projects upgrade 35 Fire Stations in these categories.

Design services are being provided by Public Works Bureaus of Architecture and Engineering for Roofing, Exterior Envelope, Apparatus Bay Door, Showers, Windows, and Sidewalk categories of work. GHD, an as-needed electrical engineering consultant, is providing design services for Generator Replacement projects.

### **Apparatus Bay Doors – 34 Stations**

Work at the 34 fire stations will be divided between ESER 2010 and ESER 2014, within parameters of allocated budgets under each bond. Packages 1 through 4 were completed in 2016-2018.

- Package 5 (15 Stations): The work is complete to replace existing apparatus bay doors with new telescoping and coiling overhead doors at 15 Stations (FS 6, 7, 9, 10, 11, 17, 21, 22, 23, 25, 32, 37, 38, 42, and 44).

### **Roof Replacements – 9 Stations – Complete**

Work was completed at nine (9) stations (FS 3, 9, 17, 20, 23, 24, 29, 40, and 43).

### **Shower Reconstruction – 7 Stations – Complete**

Work was completed at seven (7) stations (FS 13, 17, 19, 20, 22, 33, and 34).

# Earthquake Safety and Emergency Response Bond Program

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## (ESER 2010, 2014 & 2020)

### **Window Repairs – 13 Stations – Complete**

Work was completed at thirteen (13) stations (FS 8, 9, 11, 12, 14, 19, 20, 21, 23, 25, 29, 37, 43).

### **Exterior Envelope Improvements – 8 Stations**

- Package 1 (FS 8, 20, 23 & 29): Scope includes power wash and new paint at exterior facade of stations. BBR was selected to perform the work. Work was completed at FS 8, 20, and 29 in 2018-2019. Public Works will procure a contractor through a Job Order Contract (JOC) for work at FS 23 in 2022, at the client's request.
- Package 2 (FS 24 & 34): package was determined to be a project that, as instructed by the CPC, would provide funds to allocate to the TCFSD project. The corresponding \$2.1M in unused project funds were transferred to the TCFSD in Q4 FY2021.
- Package 3 (FS 11): Scope of work included painting of the exterior. This project was folded into the Hose Tower Removal project, which is funded by the 2016 Public Health and Safety Bond and was completed in March 2021.
- Package 4 (FS 22): Complete.

### **Mechanical Scope – 5 Stations – Cancelled**

- Package 1 (8, 9, 14, 20 & 41)

### **Emergency Generator Replacements – 7 Stations:**

- Station 31: Work is complete.
- Station 2: The scope of work consists of replacement of an existing roof top generator with a new generator, structurally strengthen the roof to support the new fuel tank with capacity for 72-hour run time and provide new fuel fill port and piping to the generator. The \$750K construction contract was awarded to Argo Construction, a certified LBE firm. Public Works issued a Notice to Proceed to Argo on April 19, 2021, and Argo will mobilize in July 2021.
- Stations 14, 18, 19, 37 & 44: Scope of work will consist of replacement of the existing generator with a new generator and fuel tank to meet the Fire Department's 72-hour emergency run time protocol. Invitations for bids for these projects are anticipated to be advertised in fall of 2021.

### **Sidewalk and Apparatus Bay Slabs – 3 Stations – Complete**

Work was completed at three (3) stations (FS 13, 26, and 31).

### **Security Access Control Systems – 35 Stations – Complete**

#### **Bureau of Equipment and Emergency Medical Services**

SFFD requested Public Works to prepare a program analysis and cost estimate for the Bureau of Equipment (BOE) and the Emergency Medical Services (EMS) for consideration as a project or projects to be funded by ESER 2014.

## Earthquake Safety and Emergency Response Bond Program (ESER 2010, 2014 & 2020)

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The two projects were found to be infeasible to deliver within ESER 2014.

The EMS Facility project was deferred to Public Health and Safety Bond which was approved by 79 percent of the voters in June 2016 under the new project name of Ambulance Deployment Facility (ADF). Public Works completed program analysis and conducted test fits for the EMS Facility at four locations. The optimal site was found to be a consolidation of two properties owned by the City, the equipment yard located behind Fire Station No. 9, at 2245 Jerrold Ave., combined with an adjacent vacant railroad right-of-way that extends from Jerrold Avenue to McKinnon Avenue.

Public Works conducted test fits of the BOE Facility at two locations. The optimal scenario was found to be renovation of the existing SFFD EMS facility at 1415 Evans, which would become available after EMS is relocated. Therefore, further work on the BOE Facility project is deferred to a subsequent bond program to be determined.

# Earthquake Safety and Emergency Response Bond Program

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## (ESER 2010, 2014 & 2020)

### Neighborhood Fire Stations & Support Facilities (ESER 2020)

#### **Component Description:**

ESER funded projects are carefully selected based on the operational and tactical importance of fire stations and support facilities, ensuring the effective deployment of well-trained first responders in the event of a major earthquake or other disaster. The specific improvements and seismic upgrades to neighborhood fire stations and support facilities are established with the Fire Department's approval before the planning and design phases begin. This screening process guarantees that bond funds are spent on the highest priority projects.

#### **New Construction:**

##### **Firefighter Training Facility**

#### **Project Background:**

The San Francisco Fire Department's (SFFD) new Fire Training Facility will be located on two City blocks bounded by Carroll Avenue, Hawes Street, Armstrong Avenue, and Griffith Street. Bancroft Avenue will be vacated to form a contiguous site 300,000 square feet (SF) in area. The purpose of the Fire Training Facility is to provide necessary facilities for live fire training, classroom training, equipment training, and other forms of training for effective firefighting, and to improve operational efficiency by consolidating existing SFFD training facilities. The building would replace existing Fire Department facilities for its training program currently located in the South of Market area and on Treasure Island (which the SFFD is obligated soon to vacate).

The project comprises a Fire Training and Administration Building, Apparatus Building, Maintenance Shop, Training Tower, various burn rooms, training props and simulated structures, and associated site improvements.

#### **Project Status:**

Project is in the programming phase and preparation of the CEQA Report. Geotechnical services have been procured to conduct site survey. A/E Team Led by an Executive Architect RFQ has been drafted and to be advertised in July 2021.

**Project Budget:** \$235M

#### **Project Milestone Schedule:**

- Environmental Review – December 2021
- Environmental Review Amendment – December 2022
- Design – June 2023
- Permitting – March 2024
- Construction / Move-In – December 2026
- Close-Out/Warranty - December 2027

# Earthquake Safety and Emergency Response Bond Program

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## (ESER 2010, 2014 & 2020)

### **Seismic Improvement:**

#### **Fire Station 7 Replacement**

Fire Station 7, located at 2300 Folsom Street in the Mission District is one of two Division Stations, and was constructed in 1954. Fire Station 7 houses a Division Chief, a truck, an engine, and rescue squad vehicles, and occupies a 1.1- acre site at the southwest corner of 19th Street and Folsom Street. The site consists of a fire station, drill tower, and a small training building as well as a paved surface parking lot and some temporary structures. The primary façade faces north on 19th Street and is five bays wide, with four apparatus bay openings. The small one-story Training Building at 2310 Folsom Street, which consists of training rooms, is situated directly south of the fire station, with the primary façade facing east on Folsom Street. The Drill Tower is the 3rd major structure on the site located southwest of the fire station. The seven-story reinforced concrete tower has a recently applied Classical Revival detailing.

The Fire Station 7 complex of buildings was constructed along with fourteen other stations from 1952 Bond Act funds, within a period of four to five years. Therefore, they contribute to the California Register-eligible 1952 Firehouse Bond Act Thematic Historic District, and although they do not appear individually eligible under California Register Criterion, Fire Station 7 and the two ancillary buildings “appear eligible for CR as a contributor to a CR eligible district through a survey evaluation.”

Under ESER 2014, Public Works’ Infrastructure Design & Construction (IDC) Structural Engineering undertook seismic studies to determine the existing hazard risk at the Battalion and Division Fire Stations, due to their importance as essential facilities and SFFD Command Centers that need to continue immediate operations during response and recovery in the aftermath of a major earthquake or other disaster.

Based on the findings of the IDC Seismic Evaluation, Fire Station 7 has extensive seismic deficiencies in reinforcing steel, inadequate shear walls and connections, and deep foundation problems with probability of liquefiable soils beneath the foundation. IDC Structural assigned the highest seismic hazard rating (SHR) of 4 to Station 7. An SHR 4 rating indicates that the station is expected to structurally collapse in a major earthquake, posing high life safety risk to occupants from falling hazards. The evaluation found structural deficiencies would prevent egress of apparatus and render Fire Station 7 to be out of service, with damages deemed to be infeasible to repair. For this reason, IDC Structural recommends replacement.

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## (ESER 2010, 2014 & 2020)

### Emergency Firefighting Water System (ESER 2010, 2014, 2020)

**Component Description:** The Earthquake Safety and Emergency Response Bonds will seismically improve the Emergency Firefighting Water System cisterns, pipelines, tunnels, and physical plant.

**Background:** The Emergency Firefighting Water System is vital for protecting against the loss of life, homes, and businesses from fire following an earthquake. It is also used for the suppression of non-earthquake multiple-alarm fires.

**Status:**

**Planning and Design**

1. Westside Potable EFWS Pipeline – Install new Potable Emergency Firefighting Water System pipeline in Richmond and Sunset areas. Planning in progress. AAR is expected to be completed in July 2021.

**Construction**

2. 19th Avenue Pipeline – Install new 20-inch diameter Emergency Firefighting Water System (EFWS) pipeline on 19th Avenue from Irving Street to Kirkham Street and a new 36-inch diameter welded steel Potable Emergency Firefighting Water System (PEFWS) pipeline on 19th Avenue from Vicente Street to Sloat Blvd as part of Public Works' 19th Avenue Roadway Improvements, Contract 2652J. Construction completion expected December 2022.
3. Clarendon Supply – Provide a new EFWS water supply and pipe near the crest of Clarendon Avenue at Dellbrook Avenue. Construction continues.
4. Pumping Station 2 – Improve the building structure's seismic performance. Construction completion expected December 2021.
5. Terry Francois Blvd/Mission Rock/Warriors Way Pipeline – Install new 20" AWSS pipe on Terry Francois Blvd from Mission Rock Street to Warriors Way as part of SFPUC contract DB-129.1. Construction completion expected September 2021.
6. Vicente Pipeline – Install a new 36-inch diameter PEFWS pipeline on Vicente from 19<sup>th</sup> Avenue to 25th Avenue. Contract award is being processed.

# Earthquake Safety and Emergency Response Bond Program (ESER 2010, 2014 & 2020)

## Office of the Chief Medical Examiner (ESER 2014)



**Project Description:** The project will relocate the Office of the Chief Medical Examiner (OCME) to One Newhall Street in the India Basin Industrial Park. The new facility will house about 50 employees who are organized into the four units of the OCME: Field Investigations, Medical/Autopsy, Laboratory, and Administration.

One Newhall Street was an existing 28,000 gsf industrial warehouse which was almost entirely demolished, and a second floor was added within the existing footprint of the building resulting in a seismically safe 46,000 gsf facility.

**Background:** The existing OCME is located at 850 Bryant also known as the Hall of Justice (HOJ). The HOJ is over 50 years old and seismically deficient. In the event of a major earthquake, this building is not expected to be operational. This project is part of a larger strategy to replace the Hall of Justice established in the City's 10-Year Capital Plan as the *Justice Facilities Improvement Program (JFIP)*.

The OCME is accredited by the National Association of Medical Examiners (NAME). During the previous accreditation in 2008, the City was advised that the existing facility is undersized, has

## Earthquake Safety and Emergency Response Bond Program (ESER 2010, 2014 & 2020)

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multiple deficiencies that are currently mitigated by operational protocols, and the facility should be replaced to assure continued accreditation.

### **Project Status:**

**LEED Gold** is the mandatory goal for this project (minimum 60 credits required to be awarded for the Gold certification). Award of one of the final credits, pertaining to Indoor Environmental Quality Credit 1 (IEQc1) – Outdoor Air Delivery Monitoring, required the installation of nine (9) CO2 sensors at the facility. This work was completed in February 2021. In April 2021, the U.S. Green Building Council (USGBC) awarded the project LEED Gold certification.

**Project is complete and the facility is occupied.**

**Project Budget:** Project Cost, inclusive of all change orders, tracked to within the Total Project Budget of \$75M (GO Bonds and general funds).

# Earthquake Safety and Emergency Response Bond Program (ESER 2010, 2014 & 2020)

## Traffic Company & Forensic Services Division (ESER 2014)



**Project Description:** The project will relocate the SFPD Forensic Services Division (FSD) and SFPD Traffic Company (TC) to a site located at 1995 Evans Avenue, San Francisco. The amount of space requested for the Traffic Company was determined based on the Police Facilities Master Planning Study dated August 23, 2012.

The project is being developed to support a Full Time Employee (FTE) forecast for 2020 FSD demand of approximately 109 for FSD, approximately 100 for the Traffic Company and approximately 9 for the Real Estate Division's building engineering and custodial services. The size of the facility is approximately 100,000 gross square feet, a reduction of approximately 20,000 gross square feet necessary to achieve budget reconciliation. As a result, the potential for future expansion is diminished, if required.

**Project Background:** The SFPD Traffic Company is currently located at the Hall of Justice (HOJ) at 850 Bryant Street. The SFPD FSD is currently located in two facilities. The FSD Administration, Crime Scene Investigations, and Identification units are housed at the HOJ. The FSD Crime Lab is housed in Building 606 at the Hunters Point Shipyard.

The HOJ is over 50 years old and seismically deficient. In the event of a major earthquake, this building is not expected to be operational. This project is part of a larger strategy to replace the Hall of Justice, established in the City's 10-Year Capital Plan as the Justice Facilities Improvement Program (JFIP).

The Hunters Point Shipyard is being transferred from the U.S. Navy to the City. The City plans to develop the Shipyard as a residential area. The area in which Building 606 is located is planned to be public open space as an amenity for nearby residences. Prior to the transfer of the property, the Navy is obligated to remove and mitigate hazardous materials in the soil.

# Earthquake Safety and Emergency Response Bond Program

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## (ESER 2010, 2014 & 2020)

### **Project Status:**

Clark Construction was selected to be the Construction Manager/General Contractor (CM/GC) through a competitive solicitation in July 2017. Clark leads a team of “Core Trade Subcontractors,” specifically: C/S Erectors for the exterior building envelope, Southland Industries for mechanical and plumbing, and Rosendin Electric for electrical. Despite the design team’s value-engineering efforts yielding a cost reduction of \$12.35M, Clark Construction’s initial pre-construction estimate in January 2018 indicated an approximate budget deficit of \$30M.

Cost reduction efforts were presented to the Capital Planning Committee (CPC) on April 30, 2018. The presentation described that a second value-engineering effort yielded reductions of \$14.3M without adversely diminishing the integrity of the program. After estimating the ESER 2010 bond program could generate funding of approximately \$8.7M, a \$6.65M budget deficit remained. When factoring appropriate contingency to this \$6.65M budget deficit, it produced a \$8.645M remaining need. Capital Planning staff directed the ESER Program Manager to suspend four ESER 2014 projects (2 police and 2 fire) to generate the additional funds. Therefore, the TCFSD additional project funding was to be derived from ESER 2010 and ESER 2014 bond funds. However, based on the interpretation of the ESER 2010 ordinance by City Attorney bond counsel, TCFSD is not an authorized project in ESER 2010. To comply with the City Attorney’s/Office of Public Finance recommendations, in Q4 FY2021 the ESER 2010 PSB project savings of \$8.3M were instead reallocated to NFS 2010 component and the NFS 2014 component decreased its budget by \$8.3M, which was reallocated to the TCFSD. This transaction had a net zero change to the NFS 2010 & 2014 combined budget. Additionally, in Q4 FY2021 within ESER 2014, the suspended project funds from Police Facilities 2014 (\$2.8M) and NFS 2014 (\$4.4M) were transferred to TCFSD. To date, TCFSD has received 96% or \$16.6M of the April 2018 projected funding need. The remainder of funding is planned to be allocated in FY22.

The COVID-19 pandemic delayed several of the final bids, such as site related scopes and also introduced cost impacts, including those associated with mandatory conformance with the San Francisco Health Officer’s Orders and Directives. However, despite the COVID-19 pandemic, the project’s construction schedule has thus far experienced only a two-day slip.

Through June 2021, approximately 99% of the estimated cost of work has been bid and procured; remaining bid packages are minor in scope, including site cleaning services and fixtures, furniture, and other equipment (FF&E) procurement. The exterior envelope, including roofing, curtainwall, metal panels, is complete. Interior build-out of levels 1 through 3 and roof penthouses are nearing completion with finish work in progress. FF&E procurement is well under way. Sitework activities began in February 2021 with risk of schedule impact from PG&E

# Earthquake Safety and Emergency Response Bond Program

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## (ESER 2010, 2014 & 2020)

not meeting its obligation to remove conflicting facilities in the public way prior to September 1, 2020 mitigated by the team.

The project is obligated to achieve LEED Gold certification.

### Schedule:

- |  |                   |
|--|-------------------|
| • Pre-Construction Services NTP                        | November 27, 2017 |
| • Pre-Construction Services Full Team Kick-off Meeting | November 30, 2017 |
| • Indicator Pile Program construction Services NTP     | August 19, 2019   |
| • New building construction Services NTP               | October 7, 2019   |
| • Steel Topping-Out Ceremony                           | April 3, 2020     |
| • Temporary Certificate of Occupancy (TCO)             | July 2021         |
| • Substantial Completion                               | October 2021      |
| • Final Completion                                     | Fall 2021         |

# Earthquake Safety and Emergency Response Bond Program (ESER 2010, 2014 & 2020)

## Police Facilities (ESER 2014)

**Component Description:** The project includes various focused scope projects at 12 police facilities (9 district stations and 3 support facilities – Southern Station is new, built within the Public Safety Building) across the City. The work scopes are derived from a series of onsite investigations, observations, and professional evaluations of different building systems that include mechanical, electrical, plumbing, fire protection, and structural safety. It also includes assessments of building envelope (i.e. integrity of roof, doors, windows, and walls), ADA accessibility requirements, as well as other site improvements that ensure safety and security.

The component's overall original budget was \$29.6M. Per Capital Planning Committee meeting in April 2018, suspended project funds were instructed to be transferred to the TCFSD component to mitigate budget shortfall. Current revised budget is \$26.8M. The cost to address all police facilities' issues is far in excess of original budget. Project priorities are according to building deficiencies that potentially compromise police staff and the public's health and safety, and others that pertain to code compliance.

### **ADA Packages 1 and 2 – 10 Facilities – Complete**

Work to address accessibility issues at ten (10) facilities (Central, Mission, Bayview, Northern, Tenderloin, Park, Ingleside, Taraval, Richmond, and Police Academy) is complete.

### **Firearms Simulator Training Facility at Lake Merced – Complete**

### **Northern, Richmond, and Taraval Station Renovation Project**

Substantial Completion was achieved as anticipated on May 5, 2020. Final Completion was issued on March 26, 2021.

### **Park and Ingleside Station Renovation**

Substantial completion achieved on February 19, 2020. Final Completion issued on March 3, 2021.

### **MEP Package 2 at Bayview and Tenderloin Station**

Substantial Completion achieved on March 3, 2021. Close-out documents have been submitted and are under review. Final Completion is anticipated in July 2021.

### **Police Academy Renovation**

This project is on-hold per Capital Planning Committee.

### **Mission Station Renovation**

This project is on-hold per Capital Planning Committee.

# Earthquake Safety and Emergency Response Bond Program (ESER 2010, 2014 & 2020)

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## Police Facilities (ESER 2020)

### **Component Description:**

In recent years, the City has new housing units, as well as commercial and retail developments, and new cultural events. These changes directly impact the volume of calls for service and response times, so the San Francisco Police Department is aligning its staff to meet the changing needs. These changes present a challenge to the Police Department's district stations and support facilities, as they were built –several near 100 years ago- for a smaller police force and the facilities lack adequate space for the current staffing levels. Similar to the Neighborhood Fire Station program, ESER-funded Police projects are carefully selected based on the operational and tactical importance of police stations and support facilities, ensuring the effective deployment of well-trained first responders in the event of a major earthquake or other disaster.

### **Project Status:**

#### **Ingleside District Police Station Replacement**

Ingleside Station is located at 1 Sgt. John V. Young Lane, at the edge Balboa Park, a property owned and maintained by the San Francisco Recreation & Park Department. The station serves an area from Caesar Chavez Avenue to the San Mateo county line, between Highway 101 and Faxon Avenue. The existing 16,231 square foot station was built in 1910 and is a local historic resource within the Balboa Park Historic District. The station includes a main building and a second building separated by a courtyard. The station parking lot surrounds the buildings. A major renovation to the station was completed in 1991 and more recent improvements, including critically important upgrades to the mechanical system and the replacement of the emergency generator were completed in 2020.

The facility is considered an Essential Services Building, which means it needs to remain in operation after a major earthquake. In addition, the station and adjoining park area will likely become a major evacuation center for this area of the City during a major emergency. Recent analysis has determined that Ingleside Station does not meet the performance criteria for Immediate Occupancy or Life Safety required by the City of its police stations in the event of a major seismic event. The aging, 100-year-old station does not support the Police Department's mission in the Ingleside area. Ingleside Station suffers functional, space and security deficiencies that impede operational efficiency and compromise the station's ability to perform its mission in the event of a City emergency.

SFPD's staffing and facility requirements will be impacted by growth in this district. A significant amount of new development is planned within the Ingleside District Station boundaries, so a sizeable increase in the number of residents is expected in this district over the next 20 years. The inefficiencies at Ingleside Station will require its complete replacement to meet Essential Services Building, modern policing requirements and

# Earthquake Safety and Emergency Response Bond Program (ESER 2010, 2014 & 2020)

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expected growth. Priorities for improvements in the new facility include seismic design to meet Essential Services Building criteria, updating to current policing programmatic needs, site security and expansion options to meet expected growth for the next 40 years. Based on the preliminary schedule, planning, design and permitting is anticipated to occur through January 2024, and construction commencing September 2024.

## **Taraval District Police Station Seismic Retrofit**

The Taraval Police Station is located at 2345 24th Avenue and serves several neighborhoods located in the west of the City. The station was built in 1929 and is considered an Essential Services Building and a historic resource. Taraval Station's last structural improvement was completed in 1996. Recent analysis has determined that Taraval does not meet the performance criteria for Immediate Occupancy or Life Safety required for police stations in the event of a major seismic event. Taraval Station also suffers functional, space and security deficiencies that impede operational efficiency and compromise its ability to perform its mission in the event of a City emergency. As the cost for a comprehensive project or full seismic retrofit is beyond the funding capacity of this bond, the project at this location is intended to strengthen as much of the facility as the available funding will allow to attain at a minimum the Life Safety level of seismic capacity. A future project may include additional structural strengthening, increasing and updating personnel lockers, site security fencing, secure vehicular sally port and upgrading the security level of the exterior building envelope. In any case, preservation of its historic exterior is a high priority. Based on the preliminary schedule, planning, design and permitting is anticipated to occur from April 2021 to July 2022, and construction from March 2023 to May 2024.

## **Police Surge Facility Construction**

The Police department needs a Surge Facility as a temporary base for police operations while the Ingleside and Taraval stations are under construction. The Surge Facility will accommodate those stations' current staff for the duration of construction. The options for such a facility are either the lease of an appropriate venue or the construction of a facility. The preference is for a leased opportunity. The constructed option would be comprised of economical, prefabricated modular structures, tightly arranged, and linked by elevated decks for circulation. The modular buildings would house spaces essential for police operations, such as offices, storage, lockers, showers, and temporary holding for detainees. A parking area for no more than 50 police vehicles is preferred. Site utilities, such as sewer, water, gas, electricity for a modular installation would need to be brought in. Based on the preliminary schedule, planning, design & permitting is anticipated to occur from April 2021 to October 2021 and construction from April 2022 to December 2022. Public Works and

# Earthquake Safety and Emergency Response Bond Program (ESER 2010, 2014 & 2020)

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the SFPD, in consultation with the Real Estate Division, has been searching for a possible site to accommodate this surge facility.

## **Lake Merced Police Pistol Range Replacement**

The Police Firing Range is a 31,121 square foot open-range facility located at Lake Merced. The facility was built in 1942 and renovated in 1990, including replacement of the open-air range. In 2015, the SFPD retained Public Works to address deficiencies at the range that presented a hazard to its users and the surrounding community. A maintenance program was established, focused on keeping the range safe and serviceable for effective use until its replacement. Over the past five years, the maintenance work has focused on the repair of the severely corroded overhead truss structure, the repair of the bullet-capture baffling assembly, and the mitigation of noise from the discharge of firearms that exceeded the Cal-OSHA standard for noise levels.

SFPD uses the range for Police Academy training of new recruits, required re-certification of existing officers, and certification support for some surrounding Bay Area Police departments. The extreme degree of maintenance required to the existing exposed trusses has reached the end of its effectiveness. A complete replacement of the open range is needed to meet safety standards, acoustic mitigation, and projected increase in police training. The proposed new enclosed firing range will meet all required seismic, acoustic, safety and modern training requirements as well as provide accessibility upgrades to the existing administration building. Based on the preliminary schedule, planning, design & permitting is anticipated to continue through November 2022 and construction to occur from May 2023 to January 2025.

## **Mission District Police Station Structural Improvement**

Located on Valencia Street, Mission District Police Station is a rectangular two story, steel-framed building with exterior walls constructed using reinforced concrete masonry units. It was built in 1993 under the 1991 San Francisco building code (UBC model code) as type ii-n (non-rated) construction. The proposed scope of work is a voluntary seismic strengthening of four existing beams located on the exterior of the building. New steel members will strengthen these four existing exterior beams by bracing them to existing interior beams. Architectural work is limited to finishes, ceilings, and precast headers at four existing entry locations as required to accommodate structural work. Work is limited to the first floor, with no work to be performed on the second floor or roof. The station is expected to maintain its normal 24 hours a day, 365 days a year operation throughout construction, with temporary re-routing of employee circulation and egress. Accessible entry to the public lobby via the east entry to be maintained throughout construction. Based on the preliminary schedule, design and permitting is anticipated to continue through October 2021 and construction to occur from April 2022 to January 2023.

# Earthquake Safety and Emergency Response Bond Program (ESER 2010, 2014 & 2020)

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## Disaster Response Facilities (ESER 2020)

**Component Description:** After a major earthquake or other disaster, the City will rely on select public buildings to deploy aid, provide shelter and coordinate emergency response and recovery. During and after a major disaster, these public buildings must have the capacity to function as disaster-response facilities that could serve as:

- Shelter: an existing facility, such as a school, recreation center, community center or convention center, temporarily converted to provide safe, accessible, and secure short-term housing for disaster survivors.
- Local Assistance Center: a site where individuals, families, and businesses can access available disaster assistance programs and services
- Commodity Point of Distribution: an accessible site where the public can pick up emergency supplies following a disaster
- Unified Command Post: a field location that can accommodate the primary functions of incident command: command, operations, planning, logistics and finance and administration
- Logistics Staging Area: provides a waystation for incoming shipments that meet a large array of resource request from local government
- Base Camp/Mutual Aid Staging: a location for local and mutual aid organizations to gather prior to deployment

**Background:** The Kezar Pavilion site could be renovated to provide all the disaster response functions described above. Its size, location in Golden Gate Park adjacent to Kezar Stadium and related parking lots offers the best venue to dedicate the \$70 million available to upgrade a city-owned facility for post-disaster response. While Kezar will serve as a Recreation and Park facility in non-disaster time, it will be designed to function within a seismically safe facility to serve multiple disaster-response functions such as shelter, command center and distribution of pre-staged resources and equipment.

Kezar Pavilion will be the sole project for the Disaster Response Facilities component of the ESER 2020 bond. The cost of upgrading the Pavilion and expanding the facility will require the entire amount allocated for this bond component.

### Project Status:

## Earthquake Safety and Emergency Response Bond Program (ESER 2010, 2014 & 2020)

The project is currently moving through the concept planning and development phase. Project stakeholders are in the process of defining and refining the specific program requirements. Site evaluation work has begun including a detailed site and building survey work, hazardous materials evaluation and beginning geotechnical soil evaluations. The project has also undergone an initial historic resource evaluation which is currently being reviewed by the historic preservation division at the Planning Department. Their initial feedback has been received and staff is currently providing detailed response in order to move the project through that review process. Following the data collection process, the project team will initiate a formal public engagement process to review the concept plans followed by further plan development. The first bond sale proceeds have been secured and will be administered to initial site evaluations and study as well as planning and program development.



# Earthquake Safety and Emergency Response Bond Program (ESER 2010, 2014 & 2020)

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## 9-1-1 Call Center (ESER 2020)

**Component Description:** The 9-1-1 Call Center is operated and managed by the Department of Emergency Management. It is located at the City's Emergency Operations Center (EOC) at 1011 Turk Street in the Western Addition neighborhood and houses public safety dispatchers who answer all calls made to 9-1-1. These dispatchers are the initial point of contact for all of San Francisco's first responders, 24 hours a day. They serve the communications hub that dispatches first responders to the scene of accidents, crimes, fires and other emergency and non-emergency situations.

San Francisco's 9-1-1 Dispatch Center is one of the top 25 busiest 9-1-1 centers in the United States and receives an average of 3,700 calls each day. It is critical that our Dispatch Center can answer all calls for emergency and non-emergency service quickly.

The 9-1-1 Call Center component collected \$8.9M in the first issuance for planning, design, bid process, and construction. Based on the preliminary project schedule, planning, design, and permit activities are expected to last through September 2021, and construction from January through December 2022.

**Background:** The existing City Emergency Operations Center (EOC) at 1011 Turk Street was constructed in 1997 and consists of a two-story building housing the emergency operations center, the 9-1-1 Call Center, a data center for emergency communications, administrative offices, meeting rooms and support space.

The expansion and reconfiguration of the 9-1-1 Call Center will increase the number of dispatcher workstations and reconfigure the supervisor bridge for better visual oversight of all the dispatchers.

Space requirements were determined by analyzing space needs for normal operations, projected growth, redundancy needed for reliable 9-1-1 functioning and capacity for high-demand events – both planned and unplanned. Workstations have specific size and layout requirements for dispatchers to work effectively and efficiently during both routine operations and large-scale emergencies.

### **Project Status:**

The MOU between SF Public Works and the client department (DEM) was fully executed. The consultant contract was also finalized and issued; a project kick-off meeting with the design team and client occurred in May 2021. The project is underway in design development phase, the DD phase is expected to be completed in August 2021.

# Earthquake Safety and Emergency Response Bond Program (ESER 2010, 2014 & 2020)

## Budget, Funding and Expenditures

### ESER 2010

The budget for the ESER 2010 Bond Program is \$412,300,000. The revised budget is \$415,372,929 which includes partial interest earned thru FY2017.

The following is a summary of the budget and appropriation per component:

ESER 2010: As of June 2021

Bond Components and Projects	Bond Authorized Amount	Revised Budget (ii)	Appropriations	Expenditures	Encumbrances	Balances	Expenditures/ Appropriations
Public Safety Building (PSB) (iii)	239,000,000	229,379,359	229,379,359	229,210,839	16,567	151,953	100%
Neighborhood Fire Stations (NFS)	64,000,000	80,941,986	80,941,986	72,278,296	3,100,261	5,563,429	89%
Auxiliary Water Supply System (AWSS)	102,400,000	102,400,001	102,400,001	99,817,987	2,273,311	308,703	97%
Oversight, Accountability & Cost of Issuance	6,900,000	2,545,864	2,545,864	2,096,526	0	449,338	82%
Public Works Program Reserve		105,719	105,719	0	0	105,719	0%
<b>TOTAL (i)</b>	<b>412,300,000</b>	<b>415,372,929</b>	<b>415,372,929</b>	<b>403,403,648</b>	<b>5,390,139</b>	<b>6,579,142</b>	<b>97%</b>

(i) PeopleSoft financial data as of 7/19/2021

(ii) Revised budgets based on PeopleSoft appropriations; data subject to change per clean-up efforts

(iii) All PSB 2010 savings were reallocated NFS 2010 (\$8.3M) and TCFSD is fully funded by ESER 2014 bond funds

The Accountability reports for the second thru sixth bond sales are available on the ESER website at <http://www.sfearthquakesafety.org/eser-reports.html>.

### Expenditures and Encumbrances

The ESER 2010 expenditures and encumbrances are \$403,403,648 and \$5,390,139 respectively. Expenditures represent 97% of the total current appropriations.

# Earthquake Safety and Emergency Response Bond Program (ESER 2010, 2014 & 2020)

## ESER 2014

The ESER 2014 budget is \$400,000,000 and the total appropriation is \$397,988,157, including a savings from the cost of issuance currently allocated within program components.

The following is a summary of the budget and appropriation per component:

ESER 2014: As of June 2021

Bond Components and Projects	Bond Authorized Amount	Revised Budget (ii)	Appropriations	Expenditures	Encumbrances	Balances	Expenditures/ Appropriations
Office of the Chief Medical Examiner (OCME)	63,895,000	67,533,024	67,533,024	67,469,177	22,165	41,682	100%
Traffic Company & Forensic Services Division (TC/FSD) (iii, iv)	162,195,000	178,895,790	178,895,790	151,710,493	10,908,395	16,276,902	85%
Police Facilities (PF) (iii)	29,490,000	26,845,661	26,845,661	25,957,400	269,415	618,845	97%
Neighborhood Fire Station (NFS) (iii, iv)	83,555,000	67,630,741	67,630,741	59,219,900	1,651,767	6,759,074	88%
Emergency Firefighting Water System (EFWS)	54,065,000	54,347,209	54,347,209	33,588,252	14,737,893	6,021,064	62%
Oversight, Accountability & Cost of Issuance	6,800,000	2,284,545	2,284,545	1,637,517	0	647,029	72%
Public Works Program Reserve		451,187	451,188	0	0	451,188	0%
<b>TOTAL (i)</b>	<b>400,000,000</b>	<b>397,988,157</b>	<b>397,988,157</b>	<b>339,582,739</b>	<b>27,589,635</b>	<b>30,815,783</b>	<b>85%</b>

(i) PeopleSoft financial data as of 7/19/2021

(ii) Revised budgets based on PeopleSoft appropriations; data subject to change per clean-up efforts

(iii) Funding from PF 2014 (\$2.8M) & NFS 2014 (\$4.4M) components were transferred to TCFSD (increased \$7.2M)

(iv) All PSB 2010 savings were reallocated to NFS 2010 (\$8.3M) and TCFSD is fully funded by ESER 2014 bond funds; NFS2014 decreased \$8.3M, TCFSD increased \$8.3M

The Accountability reports for the second and third bond sales are available on the ESER website at <http://www.sfearthquakesafety.org/eser-reports.html>.

### Expenditures and Encumbrances

The ESER 2014 expenditures and encumbrances are \$339,582,739 and \$27,589,635 respectively. The expenditures represent 85% of the total current appropriations.

# Earthquake Safety and Emergency Response Bond Program (ESER 2010, 2014 & 2020)

## ESER 2020

The ESER 2020 budget is \$628,500,000 and the total appropriation is \$80,536,045 funded by the first bond sale. The second bond sale funding is scheduled to arrive August 2021. The following is a summary of the budget and appropriation per component:

ESER 2020: As of June 2021

Bond Components and Projects	Bond Authorized Amount	Bond Component Budget	Appropriations	Expenditures	Encumbrances	Balances	Expenditures/ Appropriations
Emergency Firefighting Water System	153,500,000	151,170,852	20,000,000	15,398	0	19,984,602	0%
Neighborhood Fire Stations & Support Facilities	275,000,000	270,827,260	2,900,000	216,632	778,811	1,904,557	7%
District Police Stations & Support Facilities	121,000,000	119,163,994	32,022,200	268,457	160,348	31,593,395	1%
Disaster Response Facilities	70,000,000	68,937,848	15,855,705	492,651	0	15,363,054	3%
9-1-1 Response Facilities	9,000,000	8,863,438	8,863,438	47,336	546,893	8,269,209	1%
Oversight, Accountability & Cost of Issuance		9,536,608	894,702	510,635	0	384,067	57%
<b>TOTAL (i)</b>	<b>628,500,000</b>	<b>628,500,000</b>	<b>80,536,045</b>	<b>1,551,108</b>	<b>1,486,053</b>	<b>77,498,885</b>	<b>2%</b>

(i) PeopleSoft financial data as of 7/19/2021

The Accountability reports for the first and second bond sales are available on the ESER website at <http://www.sfearthquakesafety.org/eser-reports.html>.

### Expenditures and Encumbrances

The ESER 2020 expenditures and encumbrances are \$1,551,108 and \$1,486,053 respectively. The expenditures represent 2% of the total current appropriations.

# Earthquake Safety and Emergency Response Bond Program (ESER 2010, 2014 & 2020)

## Attachments

### Attachment 1 – Contact Information



San Francisco Public Works | City and County of San Francisco | Building Design and Construction | Project Management  
49 South Van Ness Avenue, Suite 1000 | San Francisco, CA 94103 | (415) 557-4700 | [sfpublicworks.org](http://sfpublicworks.org)

Contact	Title	Component	Telephone No.	E-mail
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Lisa Zhuo	Project Manager	ESER 2014 PF; ESER 2020 9-1-1 Call Center	(628) 271-2777	<a href="mailto:lisa.zhuo@sfdpw.org">lisa.zhuo@sfdpw.org</a>
Sherry Katz	Project Manager	ESER 2010, 2014, & 2020 NFS	(628) 271-2759	<a href="mailto:sherry.katz@sfdpw.org">sherry.katz@sfdpw.org</a>
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Public Utilities Commission  
525 Golden Gate Avenue, 9th Floor | San Francisco, CA 94102

Contact	Title	Component	Telephone No.	E-mail
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San Francisco Recreation & Parks  
49 South Van Ness Avenue, Suite 1200 | San Francisco, CA 94103

Contact	Title	Component	Telephone No.	E-mail
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Earthquake Safety and Emergency Response Bond Program  
(ESER 2010, 2014 & 2020)

Attachment 2 – Schedule

**EARTHQUAKE SAFETY EMERGENCY RESPONSE BOND PROGRAM  
Timeline and Schedule**

Description	BUDGET	Schedule		FY 16/17				FY 17/18				FY 18/19				FY 19/20				FY 20/21				FY 21/22				FY 22/23											
				July 1, 2016		June 30, 2017		July 1, 2017		June 30, 2018		July 1, 2018		June 30, 2019		July 1, 2019		June 30, 2020		July 1, 2020		June 30, 2021		July 1, 2021		June 30, 2022		July 1, 2022		June 30, 2023									
				1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.								
<b>EMERGENCY FIREFIGHTING WATER SYSTEM (EFWS)</b>																																							
<b>EFWS (EARTHQUAKE SAFETY EMERGENCY RESPONSE 2010)</b>																																							
June 2015	102,400,000	07/01/09	09/26/18	102,400,000																																			
Baseline	102,400,000	07/01/09	09/30/21					102,400,000																															
Current Projection	102,400,000	07/01/09	09/30/21					102,400,000																															
<b>EFWS (EARTHQUAKE SAFETY EMERGENCY RESPONSE 2014)</b>																																							
June 2015	54,065,000	11/06/14	12/31/20					54,065,000																															
Baseline	54,347,209	11/06/14	12/30/22					54,347,209																															
Current Projection	54,347,209	11/06/14	12/30/22					54,347,209																															
<b>EFWS (EARTHQUAKE SAFETY EMERGENCY RESPONSE 2020)</b>																																							
June 2015	n/a	n/a	n/a																																				
Baseline	153,000,000	07/01/21	12/29/28					153,000,000																															
Current Projection	153,000,000	07/01/21	12/29/28					153,000,000																															

