



London N. Breed  
Mayor

Alaric Degrafinried  
Acting Director

**Julia Dawson**  
Deputy Director  
for Financial Management  
and Administration

49 South Van Ness Ave  
Suite 1600  
San Francisco CA 94103  
Tel 628-271-3074

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**MEMORANDUM**  
Transmitted via e-mail

**Date:** November 12, 2020

**To:** Angela Calvillo, Clerk of the Board of Supervisors  
Ben Rosenfield, Controller  
Jose Cisneros, Treasurer  
Anna Van Degna, Director, Office of Public Finance  
Harvey Rose, Budget Analyst

**From:** Julia Dawson, Deputy Director  
Finance and Administration

**Re:** Bond Accountability Report and First Bond Issuance  
Earthquake Safety & Emergency Response Bond 2020  
(ESER 2020)

Pursuant to the Administrative Code, Article VIII: General Obligation Bond Accountability Reports, Section 2.71, Public Works is transmitting the Bond Accountability Report and respectfully requests approval for the sale and appropriation of \$85,000,000 in General Obligation Bonds.

Per Section 2.72(a) of the Administrative Code, I certify that the information contained in the accountability report is true and correct and I confirm that each project identified is in conformity with the voter authorization pursuant to Administrative Code 2.72(i).

Should you have any questions or comments, please contact Charles Higuera, ESER 2020 Program Manager at (628) 271-2796 or [charles.higuera@sfdpw.org](mailto:charles.higuera@sfdpw.org).

Julia Dawson, Deputy Director  
Finance and Administration

Attachments: ESER 2020 Accountability Report dated November 2020

cc: Alaric Degrafinried, Acting Director of Public Works  
Ronald Alameida, Acting Deputy Director and City Architect  
Charles Higuera, ESER 2020 Program Manager, Public Works



# Earthquake Safety and Emergency Response 2020 Bond Accountability Report

London N. Breed  
Mayor

Alaric Degrafinried  
Acting Director

**Ronald Alameida**  
Acting Deputy Director  
and City Architect

Building Design & Construction  
49 South Van Ness, Suite 1600  
San Francisco, CA 94103  
tel 628-271-3075

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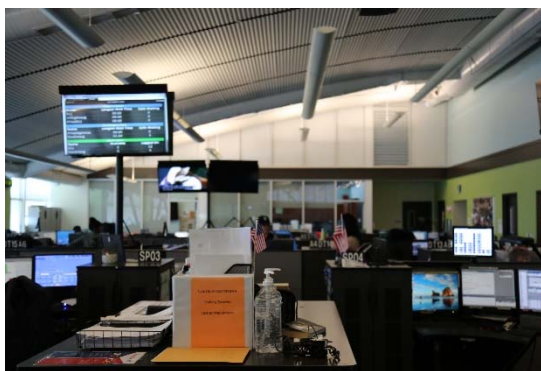
## First Bond Sale – November 2020



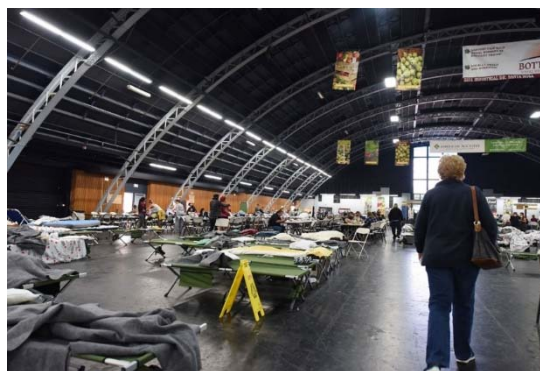
Existing SFFD Training Facility at Treasure Island



Construction of a Cistern, a Component of the EFWS



Existing 9-1-1 Call Center at 1011 Turk Street



Example of a Disaster Response Facility

Prepared for:

- Clerk of the Board
- Controller
- Director of Public Finance
- Treasurer
- Budget Analyst

Submitted by:

Charles A. Higuera, FAIA  
Public Works Program Manager

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## Executive Summary

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On March 3, 2020, the citizens of San Francisco passed Proposition B with 82.8% voter approval, authorizing a \$628.5 million General Obligation Bond known as the Earthquake Safety and Emergency Response (ESER) 2020 Bond to support the ESER Program. The ESER 2020 Bond builds on the progress of the previous two ESER Bonds, which San Francisco voters overwhelmingly approved in June 2010 and November 2014.

The Bond will fund seismic upgrades and much needed improvements to aging critical first responder facilities and infrastructure. These improvements will increase San Francisco’s capacity to respond quickly and effectively to a major earthquake or other disaster and to recover from the aftermath.

San Francisco Public Works (Public Works) is requesting approval of a first bond sale and corresponding appropriation of \$85 million, which includes cost of issuance, accountability, and General Obligation Bond Oversight Committee (GOBOC) costs. The first bond sale will support management, planning, and overall program development, partially funding preliminary design of a variety of projects for the Police Department, Fire Department, Department of Emergency Management, and the Recreation and Parks Department. Most projects include site surveys, geotechnical investigation and earthquake impact assessment, including sea level rise, advancing environmental analysis (CEQA) and permitting, and advancing preliminary design of projects with stakeholder and community engagement. Additionally, the first bond sale will partially fund construction for Emergency Firefighting Water Systems’ projects managed by the Public Utilities Commission.

The ESER 2020 Bond has five primary components/projects:

BOND COMPONENT	BUDGET
Emergency Firefighting Water System	\$153.5M
Neighborhood Fire Stations and Support Facilities	\$275M
District Police Stations and Support Facilities	\$121M
Disaster Response Facilities	\$70M
Expand the 9-1-1 Call Center	\$9M
<b>Total</b>	<b>\$628.5M</b>

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## Program Summary and Status

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### Emergency Firefighting Water System (\$153.5M)

Following an earthquake, the City and County of San Francisco's Emergency Firefighting Water System (EFWS) is vital for protecting against the loss of life, as well as the loss of homes and businesses by providing an additional layer of fire protection. The system is also used throughout the year for the suppression of multiple-alarm fires. The system delivers water at high pressure and includes two pump stations, two storage tanks, one reservoir, and a network of resilient pipelines. The system also includes suction connections along the northeastern waterfront, which allow fire engines to pump water from San Francisco Bay, and fireboats that supply seawater by pumping into any of the manifolds connected to pipes.

The City's EFWS was first installed during the decade after the 1906 earthquake, and its primary locations in the northeast portion of San Francisco correspond to the locations of the central business district and the majority of the city's population at that time. Previous studies estimated that western San Francisco would have insufficient water flow and pressure from the existing EFWS following a major seismic event. SFPUC, in coordination with SFFD and Public Works, continuously analyzes projects and technologies to enhance, support, and expand the EFWS to improve fire suppression throughout San Francisco, especially in areas of the City where the EFWS is currently limited, such as the west side of San Francisco.

The Emergency Firefighting Water System component is requesting \$20M in the first bond issuance for planning, design, and construction efforts.

#### *Proposed Projects:*

##### Potable Emergency Firefighting Water System (PEFWS) - pipelines and pump stations

The PEFWS will bring a seismically resilient high-pressure firefighting water system to the western neighborhoods of San Francisco, while also creating a seismically resilient pipeline that can supply drinking water to the west side during non-fire situations. The proposed overall project will install over 14 miles of seismically resilient pipelines capable of providing water to the SFFD firefighters at the high-pressure needed to combat large fires after a seismic event. The proposed pipelines will be fed by pump stations delivering 30,000 gallons per minute with services to the Richmond and Sunset Districts.

ESER 2020 bond is projected to fund approximately 8.5 miles of new pipe installation and associated pumping facilities. Additional funds beyond ESER 2020 will be needed to complete the entire system. This bond sale will fund the planning and design of the pipeline and pumping facilities as well as support some construction contracts. The first contract is expected to bid in FY2023.

##### Fireboat Manifolds

Fireboat manifolds allow fire boats to pump seawater from the bay into the EFWS. Existing fireboat manifolds at Fort Mason and Pier 33 ½ are located on piers of unknown condition and are likely

susceptible to seismically induced failures. Relocation of manifolds and connector pipelines is required at Fort Mason and Pier 33 ½ to provide adequate access for firefighters. The construction contract is expected to bid in FY2022.

- Fort Mason – Construction of new pipeline and fireboat manifold near Fort Mason Pier 2 for fire suppression. Remove existing exposed pipelines.
- Pier 33 ½ - Construction of new pipeline and fireboat manifold at Pier 33 ½, which is located on the Embarcadero near Bay Street, for fire suppression. Remove existing exposed pipelines.

#### Various Studies

Perform studies for the EFWS to determine pipeline and pumping facilities remediation and construction projects.

#### Additional Construction Projects

Various pipeline remediation projects as needed such as removing pipelines from crossing inside sewers.

### Neighborhood Fire Stations and Support Facilities (\$275 Million)

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.

The Neighborhood Fire Stations and Support Facilities is requesting \$2.9M in the first bond issuance for planning and pre-design work.

#### *Proposed Project(s):*

##### Fire Training Facility

The Fire Department currently conducts trainings for recruits and existing personnel at two facilities: one on Treasure Island, and a smaller venue in the Mission District. The Fire Department's Treasure Island training facility is the site for all department academies for firefighters, emergency medical technicians (EMTs) and paramedics. The training facility on Treasure Island is used for recruit training as well as the regular in-service training for all employees. The facility has classroom instruction and specialized training, including active shooter, confined and trench space rescue, water rescue, roof ventilation, emergency vehicle operations, wildland firefighting, elevator extrications and more to ensure maximum safety for San Francisco residents and visitors. The Mission District training facility provides limited classroom space and a single firefighter structure fire exercise site.

The Fire Department acquired its current training facility on Treasure Island from the U.S. Navy. Plans are underway for a development project on the island that obligates the relocation of the training facility and departure from Treasure Island by 2025/2026. The smaller training facility in the Mission

District cannot serve the department's training needs on its own. Beyond the pending closure and physical size limitations of the current facilities, there have been changes to industry standards, best practices, and state and federal training mandates. The current facilities do not address the modern-day and future training needs of the department adequately.

This facility will be the single largest project in the NFS component of the ESER 2020 bond. The projected the cost of the facility and the expected cost of the site to be acquired by the City may require a phased approach. Other projects will be considered once the funding requirement for the new Fire Training Facility is determined.

### **District Police Stations and Support Facilities (\$121 Million)**

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.

The District Police Stations and Support Facilities component is requesting \$32M in the first bond issuance for planning, design, bid process, and construction.

#### *Proposed Projects:*

##### *Ingleside Station*

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 stations 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 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 last through April 2023, and construction from November 2023 through July 2025.

### Taraval Station

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 improvements 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 is beyond the funding capacity of this bond, the project at this location will strengthen the facility to attain at a minimum the Life Safety level of seismic capacity. A future project will include increasing and updating personnel lockers, site security fencing, secure vehicular sally port and upgrading the security level of the exterior building envelope. Preservation of its historic exterior is a high priority. Based on the preliminary schedule, planning, design and permitting is anticipated to last through September 2021, and construction from April 2022 through October 2023.

### Surge Facility

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 last through April 2021 and construction from October 2021 through December 2021.



Lake Merced Range

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 last through June 2022 and construction from January through December 2023.

**Disaster Response Facilities (\$70 Million)**

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

The Disaster Response Facilities component is requesting \$15.9M in the first bond issuance for concept development, planning, design, permits, and bid process. Based on the preliminary project schedule, planning, design, and permit activities are expected to last through July 2023, and construction from January 2024 through September 2025.

*Proposed Project:*

Kezar Pavilion

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.

**9-1-1 Call Center (\$9 Million)**

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 is seeking \$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.

*Proposed Project:*

9-1-1 Call Center

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.

## CEQA / Regulatory Approvals

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The bond's component's: Emergency Firefighting Water System, Neighborhood Fire Stations, District Police Stations and Disaster Response Facilities, were not subject to CEQA at the time the bond was submitted to the ballot because there were no projects as defined by CEQA and the CEQA Guidelines. The establishment of a government financing mechanism can be established without a commitment to specific projects to be constructed with the funds. Upon defining specific projects, the use of bond proceeds to finance projects or portion of any project with bond funds will be subject to approval of the Board of Supervisors upon completion of planning and any further required environmental review under CEQA for the individual projects.

The exception for this allowance for a subsequent CEQA determination is the 9-1-1 Call Center project which was specifically named and was determined by the Environmental Review Officer of the Planning Department to be exempt from environmental review as a Class 1 Categorical Exemption, existing facilities.

## Budget, Funding, and Expenditures

The budget for the ESER 2020 Bond Program is \$628,500,000. The Capital Planning Fund has supported \$4,905,000 in pre-bond activities. These expenditures will be reimbursed by general obligation bond funds from the first bond sale. The following table provides a summary of the budget and appropriation per component:

ESER 2020 Components/Projects	Bond Authorization	Bond Budget	*Pre-bond Appropriation
Emergency Firefighting Water System	\$ 153,500,000	\$151,170,852	\$ -
Neighborhood Fire Stations & Support Facilities	\$ 275,000,000	\$270,827,260	\$ 2,400,000
District Police Stations & Support Facilities	\$ 121,000,000	\$119,163,994	\$ 1,505,000
Disaster Response Facilities	\$ 70,000,000	\$68,937,848	\$ 500,000
9-1-1 Response Facilities	\$ 9,000,000.00	\$8,863,438	\$ 500,000
<b>Subtotal Project Components</b>	<b>\$ 628,500,000</b>	<b>\$618,963,392</b>	<b>\$ 4,905,000</b>
Oversight, Accountability, COI		\$9,536,608	\$ -
<b>TOTAL</b>	<b>\$ 628,500,000</b>	<b>\$628,500,000</b>	<b>\$ 4,905,000</b>

\* Pre-bond expenditures will be reimbursed by the 1st Bond Sale

The following table provides a breakdown of the 1<sup>st</sup> Bond Sale fund allocation per component, totaling \$85,000,000:

ESER 2020 Components/Projects	Bond Authorization	Bond Budget	*First Bond Sale	**Future Bond Sales	Total Bond Sales
Emergency Firefighting Water System	\$ 153,500,000	\$151,170,852	\$20,000,000	\$ 131,170,852	\$ 151,170,852
Neighborhood Fire Stations & Support Facilities	\$ 275,000,000	\$270,827,260	\$2,900,000	\$ 267,927,260	\$ 270,827,260
District Police Stations & Support Facilities	\$ 121,000,000	\$119,163,994	\$32,022,200	\$ 87,141,794	\$ 119,163,994
Disaster Response Facilities	\$ 70,000,000	\$68,937,848	\$15,855,705	\$ 53,082,143	\$ 68,937,848
9-1-1 Response Facilities	\$ 9,000,000.00	\$8,863,438	\$8,863,438	\$ 0	\$ 8,863,438
<b>Subtotal Project Components</b>	<b>\$ 628,500,000</b>	<b>\$618,963,392</b>	<b>\$ 79,641,343</b>	<b>\$ 539,322,050</b>	<b>\$ 618,963,393</b>
Oversight, Accountability, COI		\$9,536,608	\$1,788,657	\$ 7,747,951	\$ 9,536,608
Reserve for Market Uncertainty			\$3,570,000		
<b>TOTAL</b>	<b>\$ 628,500,000</b>	<b>\$628,500,000</b>	<b>\$ 85,000,000</b>	<b>\$ 547,070,001</b>	<b>\$ 628,500,000</b>

\* Includes pre-bond funding to be reimbursed by first bond sale

\*\* Future bond sale values pertaining to components/projects, Oversight, Accountability, and COI

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## Accountability Measures

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The ESER 2020 Bond Program has a comprehensive series of accountability measures, including public oversight and reporting by the following governing bodies:

- The Citizens' General Obligation Bond Oversight Committee (CGOBOC) reviews audits and reports on the expenditure of bond proceeds in accordance with the expressed will of the voters per Administrative Code (Section 5.30 to 5.36). CGOBOC submits reports and audits to the Board of Supervisors and to the Mayor's Office. San Francisco Public Works will present annually to the CGOBOC and will provide quarterly progress reports to the Committee. A program website, [www.sfearthquakesafety.org](http://www.sfearthquakesafety.org), has been developed that will contain information about the Bond Program, status of each component, and copies of the quarterly reports.
- Memorandum of Understandings (MOUs) are being drafted with each client department guiding the conduct of the inter-department relationships and the work.
- Per the Administrative Code (Section 2.70 to 2.74), sixty (60) days prior to the issuance of any portion of the bond authority, San Francisco Public Works must submit a bond accountability report to the Clerk of the Board, Controller, Treasurer, Director of Public Finance, and Budget Analyst describing the current status of the work and whether it conforms to the expressed will of the voters. This report is intended to satisfy that requirement.
- The program team presents project and financial information to the City's Capital Planning Committee (CPC) in advance of planned bond sales.
- Public Works Bond Program Manager and/or Project Management staff will provide regular status reports to each department for which a project or projects are being managed by Public Works. These reports will be provided to the department head and administration of each department. When requested by the department, Public Works will report to the Commission of departments or otherwise provide information useful to any such report to the Commission. San Francisco Recreation and Parks Department and the San Francisco Public Utilities Commission will provide status reports for their respective bond components as well, when required.
- SFPUC has two committees established to review the Emergency Firefighting Water System work. These committees are the (1) Management Oversight Committee, consisting of executive management from San Francisco Fire Department, San Francisco Public Works, and San Francisco Public Utilities Commission, and (2) Technical Steering Committee, consisting of technical and operations managers from the same City agencies.
- The Recreation and Park Department (RPD) reports directly to the Recreation and Park Commission which is broken into Capital and Operations Committees. The project will require review and approval through this commission structure.

## Attachment 1 – Program Budget Summary

The budget for the ESER 2020 Bond Program is \$628,500,000, to be funded by General Obligation (GO) Bonds. Potential future costs for bond ineligible related efforts, will be identified by the project team and client Department(s). The following is a summary of the total budget, and current appropriations and expenditures:

ESER 2020 Components/Projects	Bond Authorization	Bond Budget	*Current Appropriation	Fund Sources			*Expended & Encumbered to Date		
				GO Bonds	Other	Total Sources	Expenditures	Encumbrances	Balance
Emergency Firefighting Water System	\$ 153,500,000	\$151,170,852	\$ -	\$151,170,852	\$0	\$151,170,852	\$0	\$0	\$0
Neighborhood Fire Stations & Support Facilities	\$ 275,000,000	\$270,827,260	\$ 2,400,000	\$270,827,260	\$0	\$270,827,260	\$1,037,321	\$6,260	\$1,356,419
District Police Stations & Support Facilities	\$ 121,000,000	\$119,163,994	\$ 1,505,000	\$119,163,994	\$0	\$119,163,994	\$1,221,016	\$161,596	\$122,388
Disaster Response Facilities	\$ 70,000,000	\$68,937,848	\$ 500,000	\$68,937,848	\$0	\$68,937,848	\$500,000	\$0	\$0
9-1-1 Response Facilities	\$ 9,000,000.00	\$8,863,438	\$ 500,000	\$8,863,438	\$0	\$8,863,438	\$500,000	\$0	\$0
<b>Total</b>	<b>\$ 628,500,000</b>	<b>\$618,963,392</b>	<b>\$ 4,905,000</b>	<b>\$618,963,392</b>	<b>\$ -</b>	<b>\$618,963,392</b>	<b>\$ 3,258,337</b>	<b>\$ 167,856</b>	<b>\$ 1,478,807</b>

\* Pre-bond expenditures will be reimbursed by the 1st Bond Sale

## Attachment 2 – Program Schedule Summary

The table below shows the preliminary ESER 2020 bond program schedule:

Program	Planning/Design/Permits	Bid/Award	Construction
Fireboat Manifolds	In progress - 12/21	01/22 – 6/22	07/22 –12/23
Potable Emergency Firefighting Water System (PEFWS) - Pipeline 1	In progress - 12/22	01/23 - 6/23	07/23-12/24
PEFWS - Pipeline 2	In progress - 04/23	05/23 - 11/23	12/23-7/25
PEFWS – Pipeline 3	In progress- 08/23	09/23 - 03/24	04/24-10/25
PEFWS – Pipeline 4	In progress - 12/23	01/24 - 06/24	07/24 - 12/25
PEFWS – Pumping Station	In progress - 12/23	01/24-06/24	07/24 - 12/25
<b>Total Emergency Firefighting Water System</b>	<b>In progress –12/23</b>	<b>1/22 – 6/24</b>	<b>7/22 – 12/25</b>
Fire Training Facility	01/21 – 12/23	01/24 – 09/24	10/24 – 10/26
Fire Station TBD	01/21 – 01/23	02/23 – 07/23	08/23 - 08/25
<b>Total Neighborhood Fire Stations and Support Facilities</b>	<b>01/21 – 12/23</b>	<b>07/21 – 09/24</b>	<b>04/22 – 10/26</b>
Surge Facility #1*	01/21 – 04/21	05/21 – 09/21	10/21 – 12/21
Ingleside Station	01/21 – 04/23	05/23 – 10/23	11/23 – 07/25
Taraval Station	01/21 – 09/21	10/21 - 03/22	04/22 - 10/23
Lake Merced Range	01/21 – 06/22	07/22– 12/22	01/23 – 12/23
Focused Scope – Mission Station	01/21 - 04/21	04/21 - 11/21	12/21 - 12/22
<b>Total Police Facilities</b>	<b>01/21 – 04/23</b>	<b>04/21 – 10/23</b>	<b>10/21 – 07/25</b>
<b>Disaster Response Facilities - Kezar Pavillion</b>	<b>01/21 – 07/23</b>	<b>07/23 – 12/23</b>	<b>01/24 – 09/25</b>
<b>911 Call Center</b>	<b>01/21 – 09/21</b>	<b>10/21 – 12/21</b>	<b>01/22 – 12/22</b>

\*Temporary base for police operations while the Ingleside and Taraval Stations are in construction.

## Attachment 3 – Contact Information

### San Francisco Public Works

Building Design & Construction, Bureau of Project Management  
49 South Van Ness Avenue, Suite 1000 | San Francisco, CA 94103

Contact	Title	Phone No.	Email
Charles Higuera	Program Manager	(628) 271-2796	<a href="mailto:Charles.Higuera@sfdpw.org">Charles.Higuera@sfdpw.org</a>
Magdalena Ryor	Project Manager	(628) 271-2758	<a href="mailto:Magdalena.Ryor@sfdpw.org">Magdalena.Ryor@sfdpw.org</a>
Kelly Griffin	Financial Analyst	(628) 271-2800	<a href="mailto:Kelly.Griffin@sfdpw.org">Kelly.Griffin@sfdpw.org</a>
Sherry Katz	Project Manager	(628) 271-2759	<a href="mailto:Sherry.Katz@sfdpw.org">Sherry.Katz@sfdpw.org</a>
Lisa Zhuo	Project Manager	(628) 271-2777	<a href="mailto:Lisa.Katz@sfdpw.org">Lisa.Katz@sfdpw.org</a>
Sean O'Brien	Project Manager Assistant	(628) 271-2803	<a href="mailto:Sean.O'Brien@sfdpw.org">Sean.O'Brien@sfdpw.org</a>

### San Francisco Public Utilities Commission

525 Golden Gate Avenue, 9th Floor | San Francisco, CA 94102

Contact	Title	Phone No.	Email
David Myerson	Project Manager	(415) 934-5710	<a href="mailto:DMyerson@sfgwater.org">DMyerson@sfgwater.org</a>
Ada Zhu	Project Manager	(415) 554-2415	<a href="mailto:Azhu@sfgwater.org">Azhu@sfgwater.org</a>

### San Francisco Recreation and Parks Department

Capital and Planning  
49 South Van Ness Avenue, Suite 1200 | San Francisco, CA 94103

Contact	Title	Phone No.	Email
Toks Ajike	Director of Capital and Planning	(628) 652-6601	<a href="mailto:Toks.Ajike@sfgov.org">Toks.Ajike@sfgov.org</a>
Dan Mauer	Project Manager	(628) 652-6603	<a href="mailto:Dan.Mauer@sfgov.org">Dan.Mauer@sfgov.org</a>
Antonio Guerra	Capital Finance Director	(628) 652-6620	<a href="mailto:Antonio.Guerra@sfgov.org">Antonio.Guerra@sfgov.org</a>