

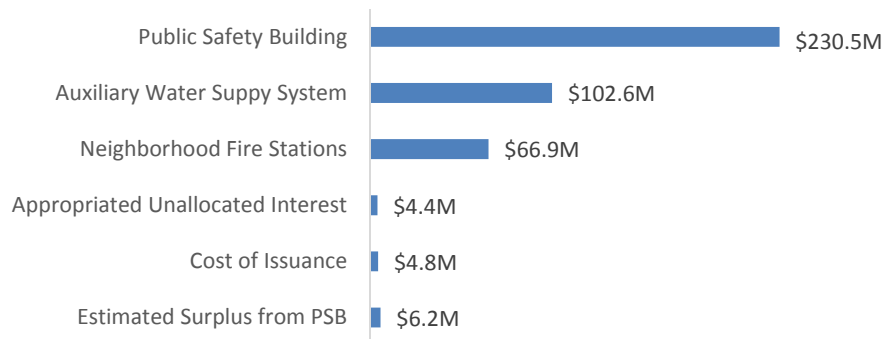
Earthquake Safety and Emergency Response Bond Program 2010 & 2014

Quarterly Status Report

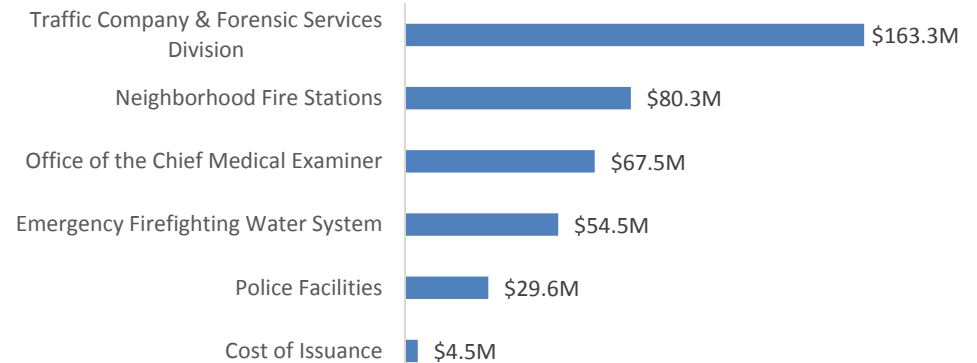
Presented to the Citizens' General Obligation Bond Oversight Committee

For the First Quarter of FY 18-19 - as of September 2018

Overview of ESER 2010 Scope and Budget \$415M



Overview of ESER 2014 Scope and Budget \$400M



FS 16 – 95% Complete



Fireboat Station 35 – Revised Design Concept



ESER Bond Program 2010 & 2014 | Executive Summary

I. Highlights and accomplishments

- Construction continues on track for EFWS's Pumping Stations 1 and 2
- FS5 completed roofing and began interior work
- FS16 completed interior work and placed underground storage tank
- FS35 PMND issued; BCDC permit submitted
- Traffic Company & Forensic Services Division (TCFSD 2014) Abatement completion mid-April. CM/GC pre-con under way

III. Bond sales and appropriations

- City has issued six bond sales for ESER 2010 totaling \$412,300,000. \$416,758,553 has been appropriated, inclusive of interest-earned. Additional interest earned of \$500K is expected in early 2019.
- City has issued three bond sales for ESER 2014 totaling \$400,000,000.

II. Upcoming milestones

- TCFSD Design & CM/GC teams 100% DD deliverable on 11/16/18.
- FS5 complete building shell and interior work
- FS16 final completion and SFFD move-in
- FS35 completion of DD phase (building) and CD phase (float), CEQA determination (FMND), and BCDC permit

IV. Risks, issues or concerns on budget, scope or schedule

On-going challenging bid environment affects:

- *Very active marketplace* produces scarcity of labor resulting in fewer bidders/less completion and raises costs, i.e. 10% upcharge for market conditions, and as well responsiveness of trades to schedule
- Original bond budgets that prove insufficient impact project scope
- Unavailable precise reporting of City staff labor charges

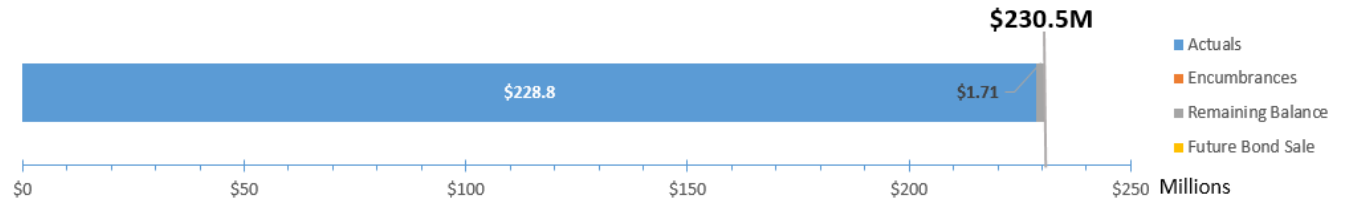
Public Safety Building (PSB 2010 – \$230.5M)

Current Phase: **Closeout**
Completion Date: **February 2016**

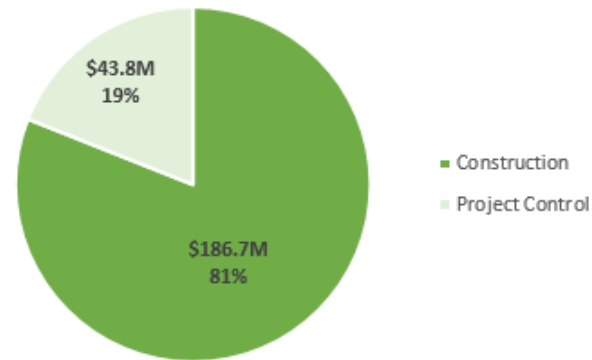
Recent accomplishments

- Estimated surplus from PSB is \$7.2M (including portion of current project balance, to be realized post financial close out).

Status of budget



Budget Allocation



Upcoming milestones

- Financial close out is expected to begin in early 2019.



Neighborhood Fire Stations (NFS 2010 - \$66.9M)

Current Phase: **Various**
 Completion Date: **December 2019**

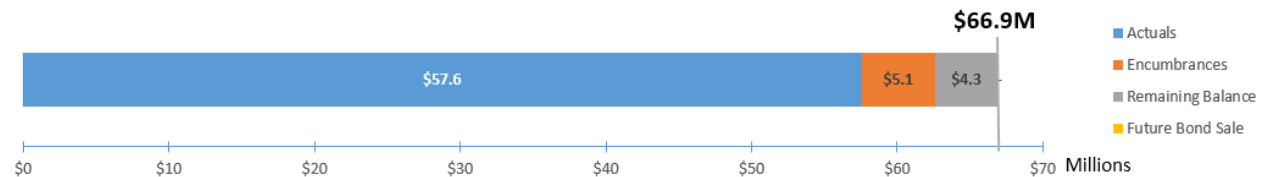
Recent accomplishments

- FS 16 – Interior work complete; building shell complete; UST placement complete; fuel oil system and site work in progress
- FS 5 – Roofing complete; emergency generator, ERV units, and exhaust fans placed on rooftop; interior work in progress; insulation and drywall complete; exterior wall rainscreen system in progress
- FS 14 Generator – NTP to GHD Engineers on Aug 8, 2018

Upcoming milestones

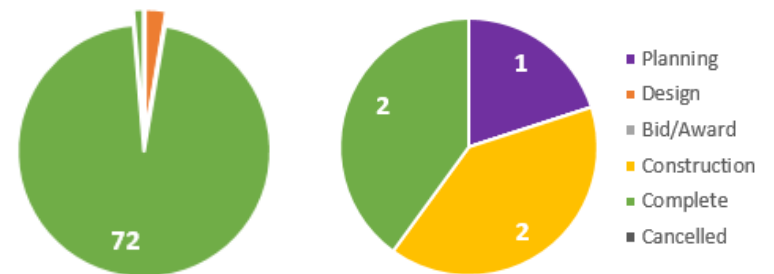
- FS 16 – Final completion and SFFD move-in November 2018
- FS 5 – Complete building shell and interior work
- FS 14 Generator – 100% DDs by late 2018
- Apparatus Bay Doors Pkg. 6 (7 FSs) – Invitation to bid in late 2018

Status of budget

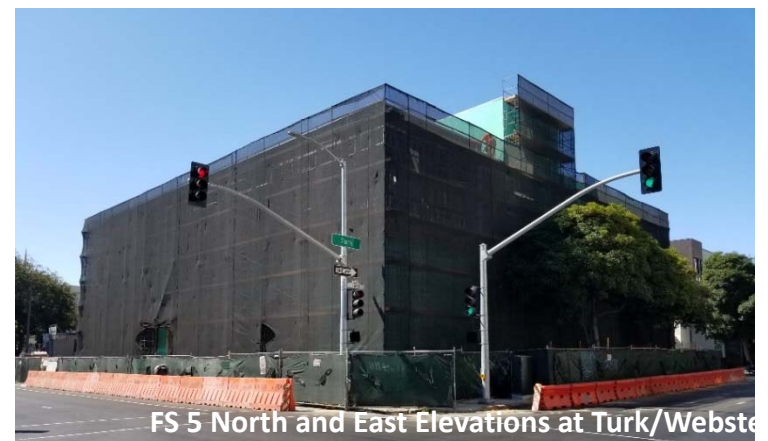


Budget Allocation

Focused Scope (75) Seismic & Comprehensive (5)



80 total projects

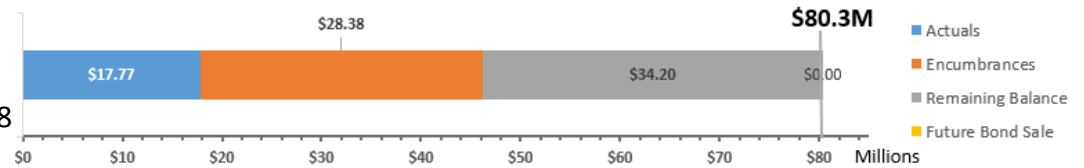


Neighborhood Fire Stations (NFS 2014 – \$79.9M) Current Phase: **Various** Completion Date: **December 2020**

Recent accomplishments

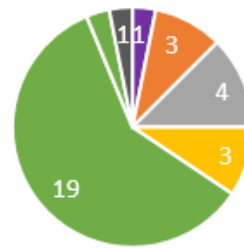
- FS 31 Generator – Submitted to DBI for permit on 7/8/18
- FS 2 Generator – GHD’s 95% CDs completed on 9/28/18
- FS 19 Generator – DD submittal by GHD to PUC/PG&E on 9/28/18
- App Bay Doors Pkg. 4 Ancillary – 10 of 17 FSs complete
- App Bay Doors Pkg. 3 (10 FSs) – NTP to DWN on 4/9/18
- Showers Pkg. 2 (FS 17, 19, 33) – Invitation for Bids advertised on September 7, 2018
- FS 35 – NTP for DD phase issued on 7/20/18; Planning issued CEQA PMND on 9/5/18; 20 day comment period
- Pier 26 – fence proposal approved; contractor released to fabricate; revised electrical design under review by PG&E

Status of budget

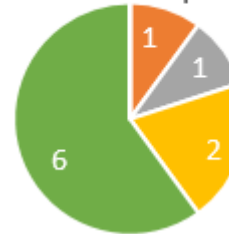


Budget Allocation

Focused Scope (32)



Other Focused Scope (10)



Seismic & Comprehensive (5)



- Planning
- Design
- Bid/Award
- Construction
- Complete
- Cancelled
- On Hold

47 total projects

Upcoming milestones

- Exterior Envelope Pkg. 4 (FS 22) – Substantial Completion in October 2018
- FS 2 Generator – CEQA and permit submittal to DBI by the end of October
- FS 19 Generator – 95% CDs end of November
- FS 31 Generator – Permitted in November; Informal bid
- Showers Pkg. 2 (FS 17, 19, 33) – Bids due on Oct 9, 2018; NTP in early 2019
- App Door Pkg. 5 (17 FSs) - RFQ/RFP for specialty door JOC in fall 2018
- FS 35 – Planning to issue FMND; 90% CDs for float; 100% DD for building
- Pier 26 – Complete electrical work and installation of the security fence by November 2018
- Roof Pkg. 5 – Financial Closeout late 2018



FS 35 Public Access Area



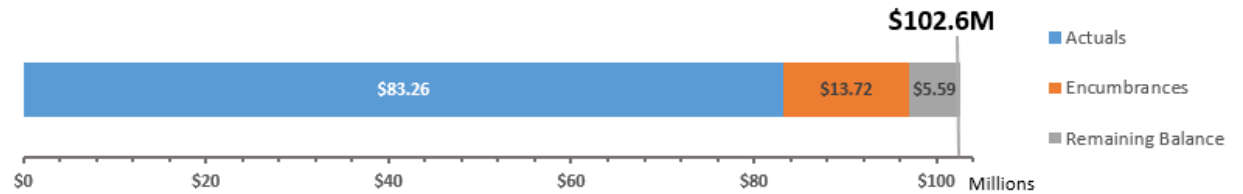
Emergency Firefighting Water System (ESER 2010 - \$102.6M)

Current Phase: **Various**
Completion Date: **Dec. 2020**

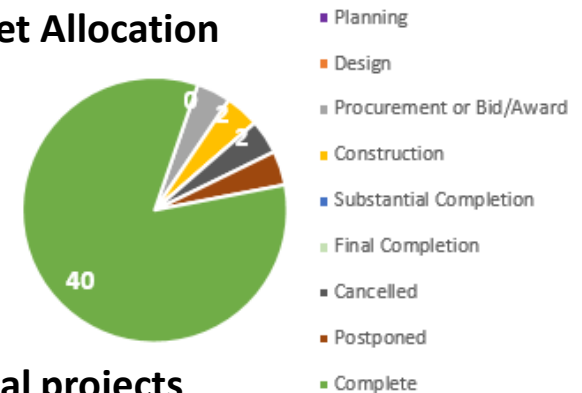
Recent accomplishments

- Construction continued for Pumping Station 1 (WD-2686) and Pumping Station 2 (WD-2687) contracts.

Status of budget



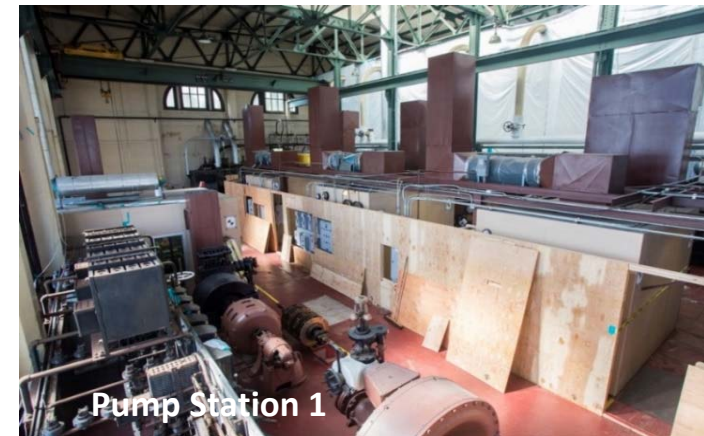
Budget Allocation



Upcoming milestones

- AWSS Pipeline Improvements contract – Bid due October 2018.

48 total projects



Emergency Firefighting Water System (ESER 2014 – \$54.5M)

Current Phase: **Various**
Completion Date: **December 2020**

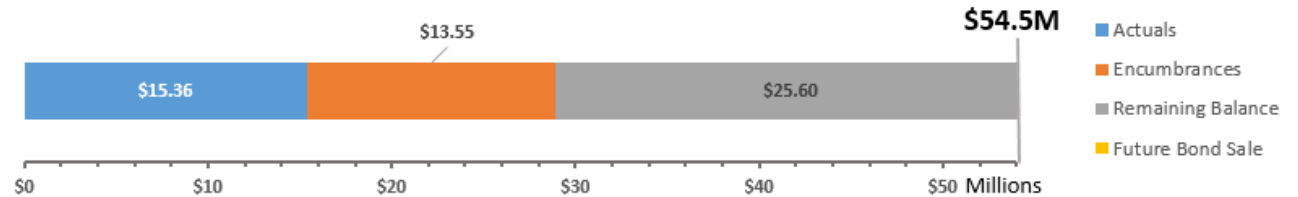
Recent accomplishments

- Construction continued for Irving Street Pipeline, Ashbury Bypass Pipeline and Mariposa/Terry Francois pipeline contracts.

Upcoming milestones

- 19th Avenue Pipeline contract – Advertise October 2018

Status of budget



Budget Allocation



28 Projects



Pipeline trench

Police Facilities (PF 2014 - \$29.6M)

Current Phase: **Various**
 Completion Date: **July 2019**

Recent accomplishments

- Firearms Simulation Training Facility: Final Completion in August 2018.
- MEP Package 2 – Bayview and Tenderloin: Pre-construction meeting occurred on 9/10
- Northern, Richmond, Taraval Station: New back-up generator and fuel tank at Northern and Richmond Station installed; Taraval Station will be substantially completed by end of September 2018.

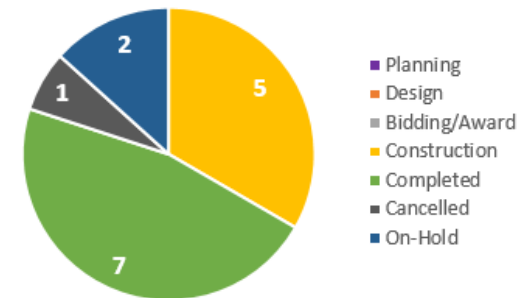
Status of budget



Upcoming milestones

- Northern, Richmond, Taraval Station: Northern and Richmond Station will be substantially completed in early 2019.
- MEP Package 2 – Bayview and Tenderloin: Construction mobilization at Tenderloin Station on 9/24, mobilization at Bayview Station on 9/28; construction to begin October 2018.
- Mission Police Station and Police Academy Renovation project are on-hold until spring / early summer 2019.

Budget Allocation



15 total projects (12 loc.s)



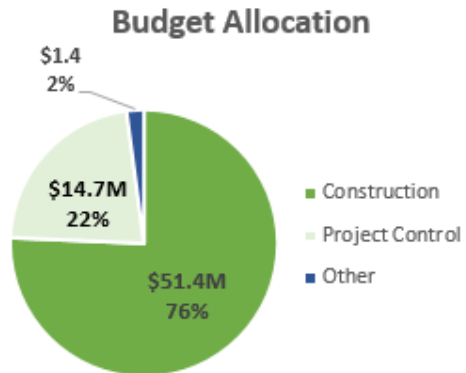
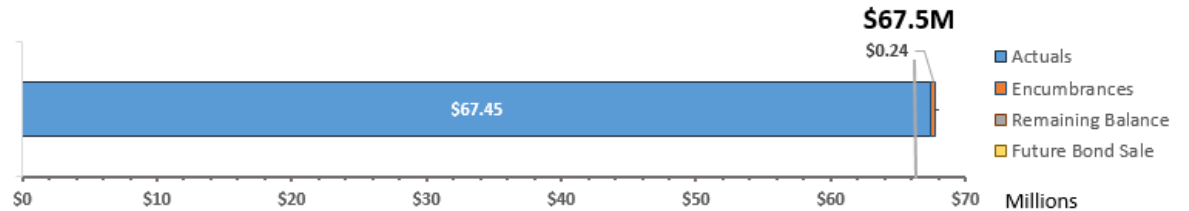
Office of the Chief Medical Examiner (OCME 2014 - \$67.5M)

Current Phase: **Closeout**
Completion Date: **March 2018**

Upcoming milestones

- Contractor to complete punchlist.
- City to issue Certificate of Acceptance.
- Final Payment to CM/GC and Executive Architect.

Status of budget



Traffic Company & Forensic Services Division (TC&FSD 2014 - \$163.3M)

Current Phase: **Design**

Completion Date: **Summer 2021**

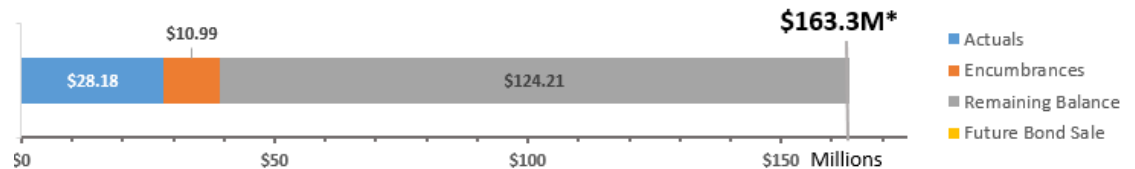
Recent accomplishments:

- 50% DD on 10/5/18.
- CDR Phase 2 approval on 10/15/18.
- Round 2 of DD user meetings completed 10/18.
- Site Permit approval obtained from Planning & DBI. Final approvals pending from SFFD & BSM.

Upcoming milestones:

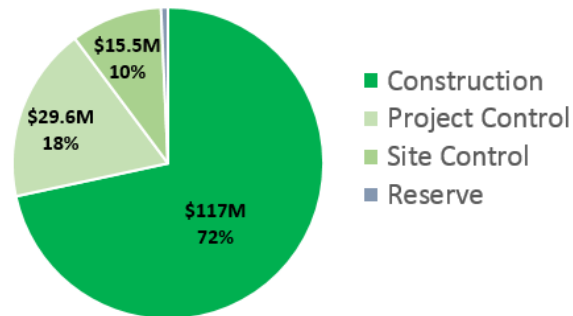
- Architectural design team & CM/GC team working through Design Development phase with 100% DD due on 11/16/18.
- Site Permit final approval eminent.
- Indicator & Production Pile Permit package to follow final approval of site permit.

Status of budget



* Includes savings from the cost of issuance

Budget Allocation



Additional Funding Sources:

Project is in funding deficit of \$17.3M – following are sources:

- ESER2010 Interest: \$500K
- ESER2010 PSB savings: \$7.2M
- ESER2014 Estimated COI Savings: \$1M
- CPC Source: \$8.6M



Attachment 1 | Status of Budget and Financial Plan (ESER 2010)

Components/Projects	Original Budget	Revised Budget (ii)	Issued to Date	GENERAL OBLIGATION BONDS				Encumbrance+ Expenditures / Revised Budget	Encumbrance+ Expenditures / Appropriation
				Appropriation	Expenditures	Encumbrance	Balance		
Public Safety Building (PSB)	239,000,000	230,500,000	230,500,000	230,500,000	228,791,637	0	1,708,363	99%	99%
Neighborhood Fire Stations (NFS)	64,000,000	66,906,313	66,906,313	66,906,313	57,571,703	5,055,645	4,278,965	94%	94%
Auxiliary Water Supply System (AWSS) (ii)	102,400,000	102,568,217	102,568,217	102,568,217	83,260,776	13,718,574	5,588,867	95%	95%
Oversight, Accountability & Cost of Issuance	6,900,000	4,821,391	4,821,391	4,821,391	1,928,990	0	2,892,401	40%	40%
Estimated Surplus from PSB		6,161,975	6,161,975	6,161,975	0	0	6,161,975	0%	0%
Appropriated Unallocated Interest		4,415,033	4,415,033	4,415,033	0	0	4,415,033	0%	0%
TOTAL (i)	412,300,000	415,372,929	415,372,929	415,372,929	371,553,106	18,774,219	25,045,604	94%	94%

(i) PeopleSoft financial data thru Q1 FY2019; data subject to change based on ongoing labor and non-labor clean-up efforts due to financial system transition.

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

Attachment 1 | Status of Budget and Financial Plan (ESER 2014)

Components/Projects	Original Budget	Revised Budget (ii)	Issued to Date	GENERAL OBLIGATION BONDS				Encumbrance+ Expenditures / Revised Budget	Encumbrance+ Expenditures / Appropriation
				Appropriation	Expenditures	Encumbrance	Balance		
Office of the Chief Medical Examiner (OCME)	63,895,000	67,533,024	67,533,024	67,533,024	67,451,410	241,710	-160,096	100%	100%
Traffic Control & Forensic Services Division (TC/FSD)	162,195,000	163,375,150	163,375,150	163,375,150	28,175,136	10,985,203	124,214,811	24%	24%
Police Facilities (PF)	29,490,000	29,645,661	29,645,661	29,645,661	13,596,024	7,297,770	8,751,867	70%	70%
Neighborhood Fire Station (NFS)	83,555,000	80,351,381	80,351,381	80,351,381	17,771,941	28,383,604	34,195,836	57%	57%
Emergency Firefighting Water System (EFWS)	54,065,000	54,509,822	54,509,822	54,509,822	15,364,599	13,550,084	25,595,139	53%	53%
Oversight, Accountability & Cost of Issuance (iii)	6,800,000	4,584,962	4,584,962	4,584,962	1,881,237	0	2,703,725	41%	41%
TOTAL (i)	400,000,000	400,000,000	400,000,000	400,000,000	144,240,347	60,458,371	195,301,282	51%	51%

(i) PeopleSoft financial data thru Q1 FY2019; data subject to change based on ongoing labor and non-labor clean-up efforts due to financial system transition.

(ii) Revised budgets based on PeopleSoft appropriations (including savings from the cost of issuance); data subject to change per clean-up efforts.

(iii) Added to value, need to research the missing amount of \$2,573,120.

Attachment 2 | Overall Bond Summary (2010 & 2014)

The Earthquake Safety and Emergency Response (ESER 2010) Bond Program consists of three components: the **Public Safety Building (PSB)**, the **Neighborhood Fire Stations (NFS)**, and the **Auxiliary Water Supply System (AWSS)**. The SFPUC manages the AWSS component and Public Works manages the remaining components. To date, there have been no upsets that would seriously compromise any client department's expectations for the successful delivery of any project.

The ESER 2014 is comprised of five components: **Office of the Chief Medical Examiner (OCME)**; **Traffic Control & Forensic Services Division (TCFSD)**; **Neighborhood Fire Stations (NFS)**; **Emergency Firefighting Water System (EFWS)**; and **Police Facilities (PF)**. The SFPUC manages the EFWS component and Public Works manages the remaining components.

The following is a brief summary of each component.

Public Safety Building (2010)

The Public Safety Building (PSB) provides a new venue for the SFPD Headquarters – effectively the command and control administration of the City's police department-including the relocation of Southern District Station and a new Mission Bay Fire Station. Included in the project is the reuse of Fire Station #30, which serves as a multi-purpose facility for the Fire Department and the community. 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 was retained and reused in a manner that preserves its historic integrity. The other components of the project were designed to be respectful of the historic integrity of the existing fire station.

Neighborhood Fire Stations (2010 & 2014)

The ESER 2010 bond will renovate or replace selected fire stations to provide improved safety and healthy work environment for the firefighters. The selected stations are determined according to their state of condition and their importance for achieving the most effective delivery of fire suppression and emergency medical services possible.

The ESER 2014 bond program is anticipated to continue the work of ESER 2010 bond, categorizing projects according to the three categories of *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 improvements will have been completed at all SFFD Fire Stations at the conclusion of the 2010 and 2014 bond programs.

Auxiliary Water Supply System and Emergency Firefighting Water System (AWSS & EFWS) (2010 & 2014)

The Emergency Firefighting Water System includes the Auxiliary Water Supply System's high-pressure water and cistern water storage for fire suppression in several areas of the City. The FWSS also includes hose and pump components that will provide above-ground water distribution for fire suppression, primarily in areas not directly served by AWSS. 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.

The Earthquake Safety and Emergency Response Bonds of 2010 and 2014 will seismically improve the Auxiliary Water Supply System (AWSS) cisterns, pipelines, tunnels, and physical plant As well as the Flexible Water Supply System (FWSS) components to be procured and implemented.

Attachment 2 | Overall Bond Summary (2010 & 2014)

Office of Chief Medical Examiner (2014)

The existing OCME is located at the Hall of Justice (HOJ) at 850 Bryant Street. 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 \$65M project will relocate the OCME to One Newhall Street in the India Basin Industrial Park. The new facility will house approximately 50 employees who are organized into the four units of the OCME: Field Investigations, Medical/Autopsy, Laboratory, and Administration.

SFPD Traffic Company and Forensic Service Division (TC & FSD) (2014)

The SFPD Traffic Company (TC) is currently located at the Hall of Justice (HOJ) at 850 Bryant Street. The SFPD Forensic Services Division (FSD) is currently located at two facilities. The FSD Administration, Crime Scene Investigations, and Identification units, with approximately 60 employees, are housed at HOJ. The FSD Crime Lab, with approximately 25 employees, is housed at Building 606 in the Hunters Point Shipyard.

The project will relocate the TC & FSD to a site located at 1995 Evans Avenue, Mission Bay, San Francisco. The project is being developed to support 109 employees for 2020 FSD demand within approximately 70,000 sf and allows for a potential future expansion if required. The SFPD – TC will support 94 employees for 2020 demand within 16,500 sf plus 8100 sf motorcycle parking garage. The Real Estate Division occupies approximately 2,100 sf with up to 7 full time employees plus meeting space to accommodate an additional 6 visiting staff. With common spaces the building is approximately 103,600 sf.

Police Facilities (2014)

This bond program component includes various *Focused Scope and Comprehensive* facility upgrade projects at 12 police facilities – 9 district stations and 3 support facilities - 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 seismic strength, 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 project's overall budget is \$30M, the cost to address all Police Facilities building issues is estimated as above \$250M, and therefore project priorities are selected per recommendations by the Citywide Capital Plan, including state of condition and the importance of particular improvements in achieving the most effective delivery of police services possible. The building deficiencies that inhibit public access, or that may compromise occupant life safety, and others that pertain to code compliance, will get the first priority.



www.sfpublicworks.org