

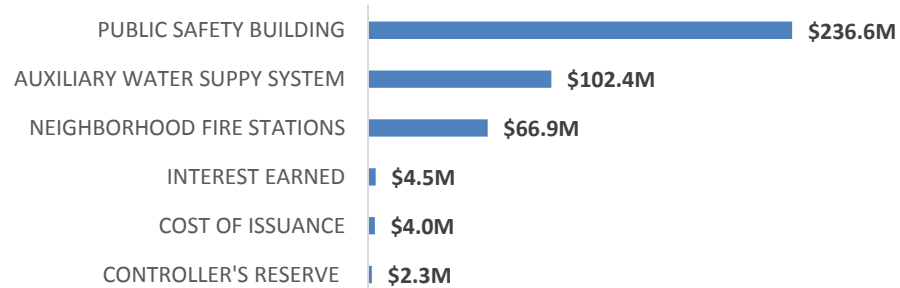
Earthquake Safety and Emergency Response Bond Program 2010 & 2014

Quarterly Status Report

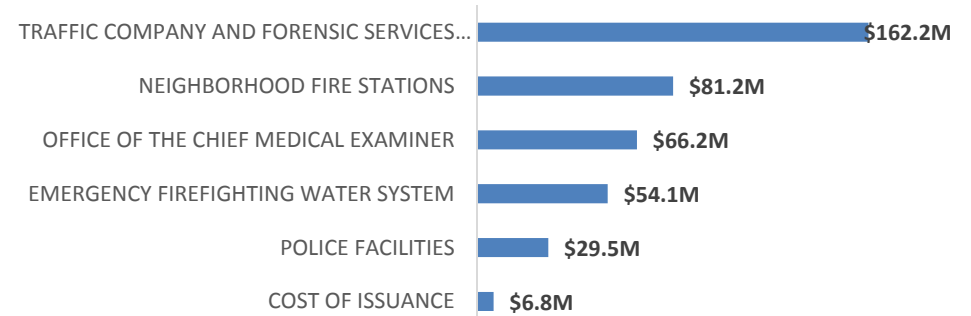
Presented to the Citizens' General Obligation Bond Oversight Committee

For the First Quarter of FY 17-18 - as of September 2017 (financials thru 6/30/2017)

Overview of ESER 2010 Scope and Budget \$417M



Overview of ESER 2014 Scope and Budget \$400M



ESER Bond Program 2010 & 2014 | Executive Summary

I. Highlights and accomplishments

- Auxiliary Water Supply System (AWSS 2010) - Twenty-six (26) of thirty planned cisterns are functional
- FS16 construction underway
- FS5 construction underway
- FS35 Design-Build Entity selected
- Traffic Company and Forensic Services Division (TCFSD 2014) Abatement/Demo Contractor and Construction Mgr./Gen'l Contractor (CM/GC) selected

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.
- City has issued two bond sales for ESER 2014 totaling \$210,251,181. \$210,251,181 has been appropriated.

II. Upcoming milestones

- TCFSD CM/GC pending NTP
- TC/FSD to resume design on the award of CM/GC contract expected in October '17
- Neighborhood Fire Stations (NFS 2014) - FS35 Design-Build Entity pending NTP
- Medical Examiner facility to complete October '17

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

- On-going challenging bid environment affects:
 - Many projects underway or emerging
 - Scarcity of labor raises trade costs
 - Fewer bidders/less competition raises costs
 - Responsiveness of trades to schedule obligations
 - Sufficiency of budgets, base scope of projects

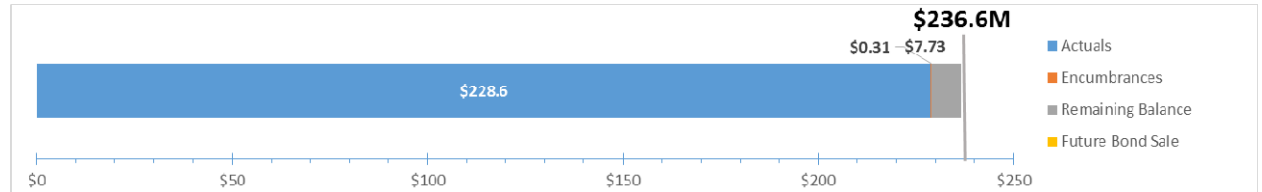
Public Safety Building (PSB 2010 – \$236.6M)

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

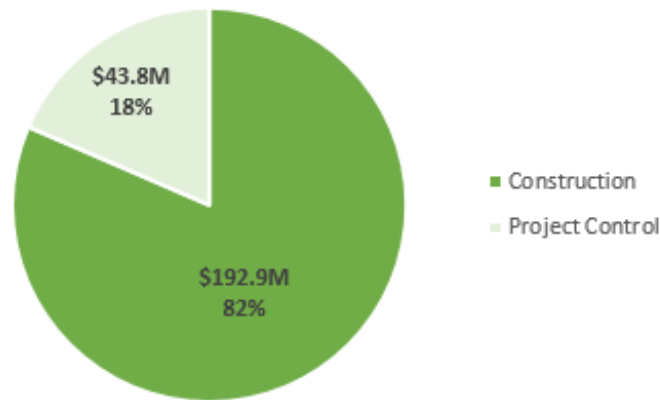
Recent accomplishments

- Construction contract closeout and final payment issued in June.
- Current expected savings approximately \$10M

Status of budget



Budget Allocation



Upcoming milestones

- Closeout A/E contract and job order.



Lobby, Public Safety Building

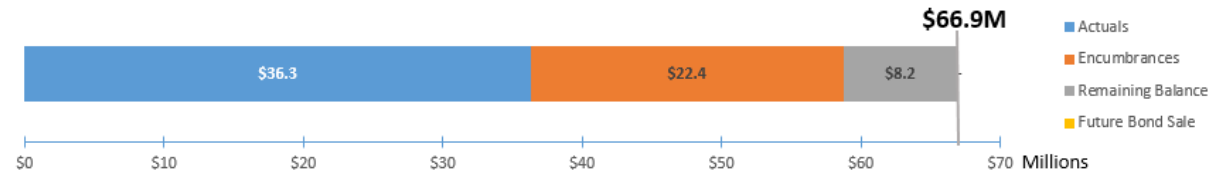
Neighborhood Fire Stations (NFS 2010 - \$66.9M)

Current Phase: **Various**
 Completion Date: **December 2018**

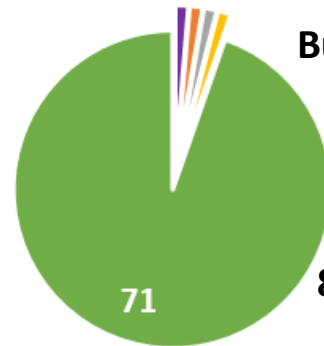
Recent accomplishments

- FS 16 – Placed 1st floor lower level concrete slab on September 20.
- FS 5 – Placed soil micropiles, installed temporary shoring system, and excavated soil for concrete footings at building perimeter.
- SFFD HQ Exterior Envelope (painting)(BBR) – Substantial Completion on 8.10.17.
- Four focused scope projects added, for a revised total of 75 projects.

Status of budget



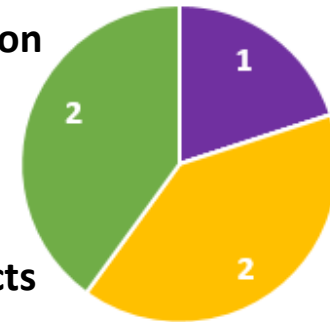
Focused Scope (75)



Budget Allocation

80 total projects

Seismic & Comprehensive (5)



Upcoming milestones

- FS 16 – 2nd floor structural work
- FS 5 – Place concrete footings and structural steel
- SFFD HQ Exterior Envelope (painting) (BBR) – Final Completion early October, including SFFD additional scope requested during punch walk.



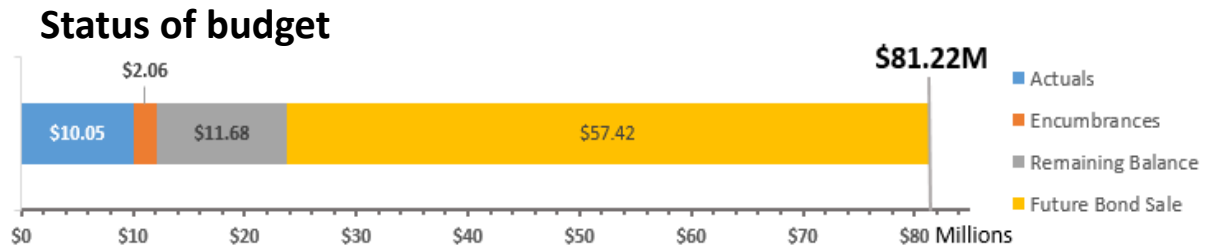
FS 5 Drilling and Placement of Soil Micropiles

Neighborhood Fire Stations (NFS 2014 – \$81.2M)

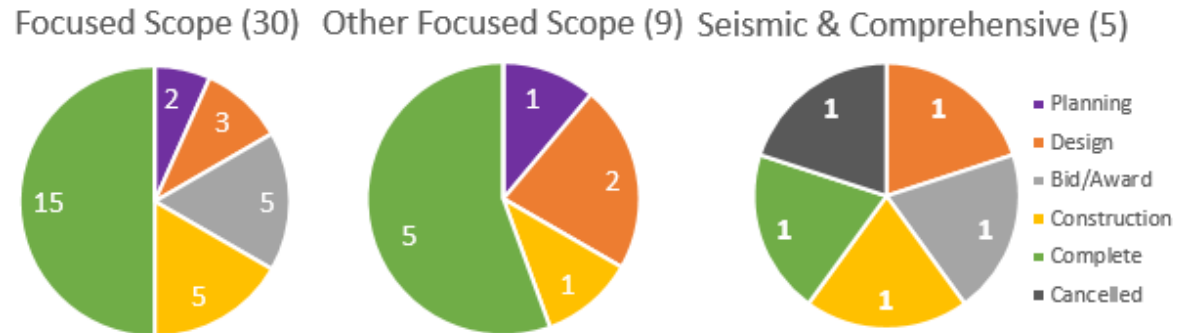
Current Phase: **Various**
 Completion Date: **June 2021**

Recent accomplishments

- FS 35 – Contract for Design-Build Services awarded to Swinerton-Power, a Joint Venture on August 2.
- Roof Package 5 (6 stations) – Bids received on April 12; NTP issued to Pioneer Contractors on 6.30.17
- App Bay Door Package 3 (10 stations) – Bid on August 30 resulted in a low bid by D.W. Nicholson for \$1,065,414.
- FS 3 Roof, Generator, HVAC – Final Completion on 9.8.17
- Total completed focused scope projects increased by one.



Budget Allocation



44 total projects

Upcoming milestones

- FS 35 – Revised target date for Design-Builder Notice to Proceed (NTP) is October 10 due to contract negotiations.
- Pier 26 Fire Boat Berths – Electrical work and installation of fenders to begin.
- App Bay Door Package 3 – NTP to DWN expected early November.
- Roof Replacement Pkg 5 – Substantial Completion expected in October.
- Shower Package 2 – Invitation to Bid scheduled for October.



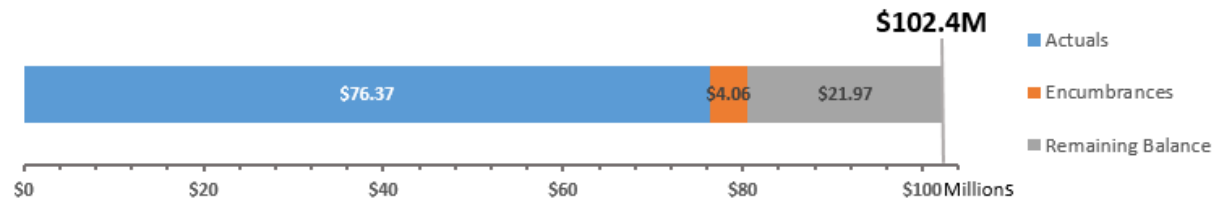
Emergency Firefighting Water System (ESER 2010 - \$102.4M)

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

Recent accomplishments

- Construction continued for Cisterns F (WD-2747) and Pumping Station 1 (WD-2686) contracts
- Cisterns E (WD-2746) contract final completion.
- Twenty-eight of the thirty planned cisterns are functional
- Pumping Station 2 construction contract (WD-2687) awarded

Status of budget



48 total projects

Upcoming milestones

- Street Valve Motorization construction bids expected April 2018



Cisterns (brick circles)

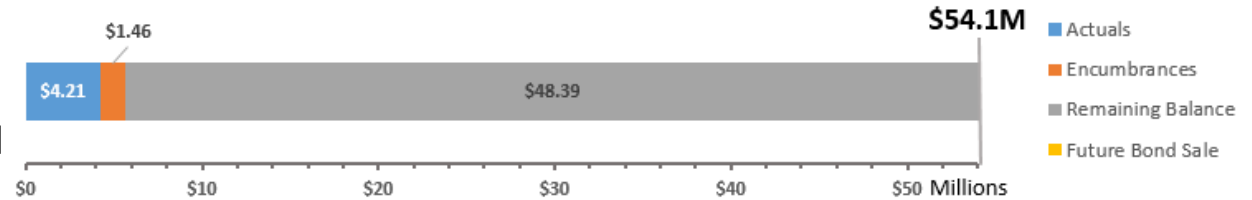
Emergency Firefighting Water System (ESER 2014 – \$54.1M)

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

Recent accomplishments

- Planning, design and construction work continued pipeline projects
- Irving Street Project Notice-to-Proceed issued August 2017

Status of budget



Upcoming milestones

- AWSS pipeline construction to be included in pending Public Works paving contracts
 - Ashbury Bypass – Bid due October 2017
 - 19th Avenue – Advertise October 2017
- Mariposa/Terry Francois – notice-to-proceed October 2017

Budget Allocation



28 Projects



Cistern under construction

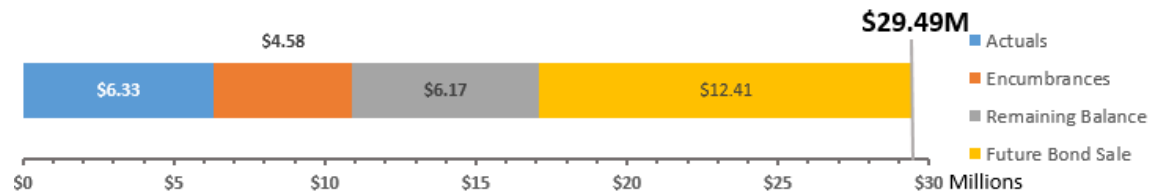
Police Facilities (PF 2014 - \$29.5M)

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

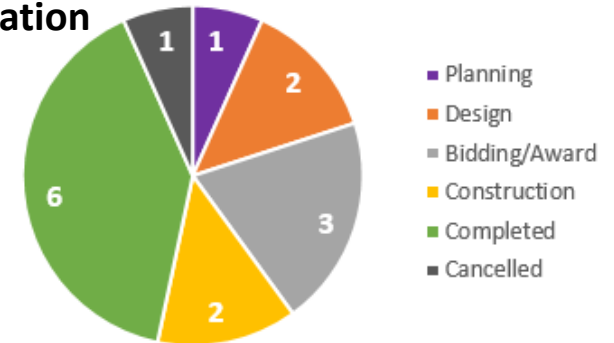
Recent accomplishments

- Issued NTP for Northern, Richmond, and Taraval station construction.
- Received 3 bids for Park and Ingleside station renovation project.
- Obtained Planning Department approval for Firearms Simulation Training Facility.
- Completed 90% design for Police Academy Renovation and MEP Package 2.

Status of budget



Budget Allocation



Upcoming milestones

- Complete pre-construction phase and will begin mobilization at Northern, Richmond, and Taraval station in Oct/Nov 2017.
- Issue NTP for Park and Ingleside Police Station Renovation
- Obtain final building permit approval and begin construction of Firearms Simulation Training Facility.
- Obtain final building permit approval for Police Academy Renovation and MEP Package 2.

15 total projects (12 loc.s)



Northern Police Station

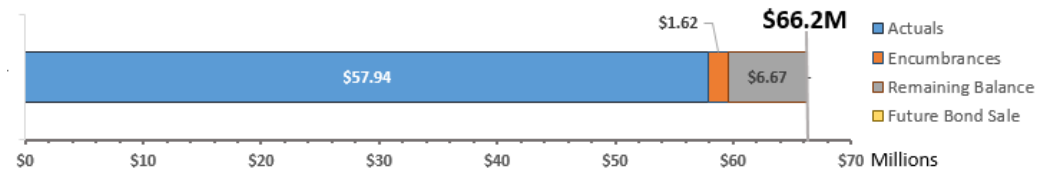
Office of the Chief Medical Examiner (OCME 2014 - \$66.2M)

Current Phase: **Construction**
Completion Date: **October 2017**

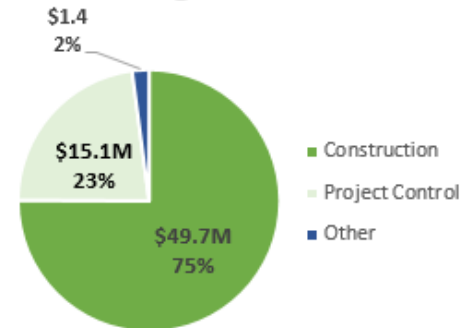
Recent accomplishments

- Roof-top equipment completed
- Testing and balancing completed
- Sitework 90% completed
- Construction work is 98% in-place

Status of budget



Budget Allocation



Upcoming milestones

- Painting of exterior plaster to be completed in October '17
- Finish sitework and landscaping in October '17
- Punch list to be completed by mid-October '17
- Obtain TCO by October 10, 2017
- Ribbon-Cutting Ceremony – November 2, 2017



Traffic Company & Forensic Services Division (TC&FSD 2014 - \$162.2M)

Current Phase: **Design**

Completion Date: **Winter 2020**

Recent accomplishments:

- Haz. Mat. & Demo RFP issued May 24. Site walks held June 6 & 16. Informational Conference held June 12. Bid Opening July 6. Estimated at \$1.7M. Low bid \$1.47M. NTP anticipated October 2017.
- CM/GC + design-build Core Trade Subcontractors (“CM/GC Team”) RFP issued May 26. Informational Conference held June 12. Bid Proposals were due July 12. Clark Construction was the successful CM/GC. NTP anticipated October 2017.

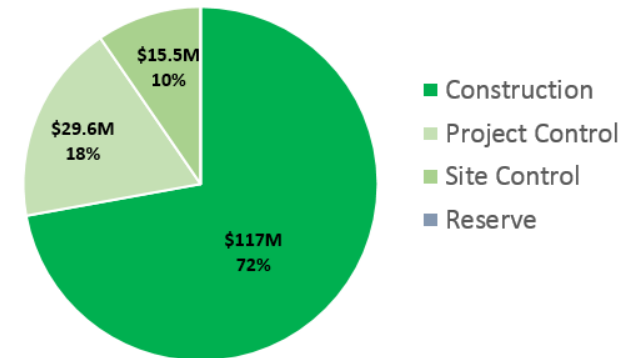
Upcoming milestones:

- NTP to HazMat/Demo Contractor
- NTP to CM/GC Team
- Start of Design Development Phase & CM/GC Pre-Con.

Status of budget



Budget Allocation



Toland and Evans corner view

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

Components/Projects	Original Budget	Revised Budget (1)	GENERAL OBLIGATION BONDS				Encumbrance+ Expenditures / Revised Budget	Encumbrance+ Expenditures / Appropriation
			Appropriation	Expenditures	Encumbrance	Balance		
Public Safety Building (PSB)	239,000,000	236,661,976	236,661,976	228,617,073	311,224	7,733,679	97%	97%
Neighborhood Fire Stations (NFS)	64,000,000	71,067,175	66,906,318	36,282,256	22,425,258	8,198,804	83%	88%
Auxiliary Water Supply System (AWSS)	102,400,000	102,684,472	102,400,000	76,368,674	4,061,821	21,969,505	78%	79%
Oversight, Accountability & Cost of Issuance	6,900,000	4,006,906	3,965,935	3,313,271	175,433	477,231	87%	88%
Controller's Reserve		2,338,024	2,338,024	0	0	2,338,024	0%	0%
TOTAL	412,300,000	416,758,553	412,272,253	344,581,274	26,973,736	40,717,243	89%	90%

(1) Pending Approval

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

Components/Projects	Original Budget	Revised Budget (1)	GENERAL OBLIGATION BONDS				Encumbrance+ Expenditures / Revised Budget	Encumbrance+ Expenditures / Appropriation
			Appropriation	Expenditures	Encumbrance	Balance		
Office of the Chief Medical Examiner (OCME)	63,895,000	66,233,024	66,233,024	57,943,296	1,615,369	6,674,359	90%	90%
Traffic Control & Forensic Services Division (TC/FSD)	162,195,000	162,195,000	46,703,200	23,178,512	1,812,165	21,712,523	15%	54%
Police Facilities (PF)	29,490,000	29,490,000	17,077,654	6,329,113	4,577,444	6,171,096	37%	64%
Neighborhood Fire Station (NFS)	83,555,000	81,216,976	23,793,513	10,052,443	2,060,667	11,680,402	15%	51%
Emergency Firefighting Water System (EFWS)	54,065,000	54,065,000	54,065,000	4,214,793	1,463,504	48,386,704	11%	11%
Oversight/Accountability & Cost of Issuance	6,800,000	6,800,000	2,378,790	1,879,260	284,968	214,561	32%	91%
TOTAL	400,000,000	400,000,000	210,251,181	103,597,419	11,814,117	94,839,645	29%	55%

(1) Pending Approval

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 131 employees for 2020 FSD demand within 89,000 gsf and allows for a potential future expansion if required. The SFPD – TC will support 104 employees for 2020 demand within 20,000 gsf.

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.



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