

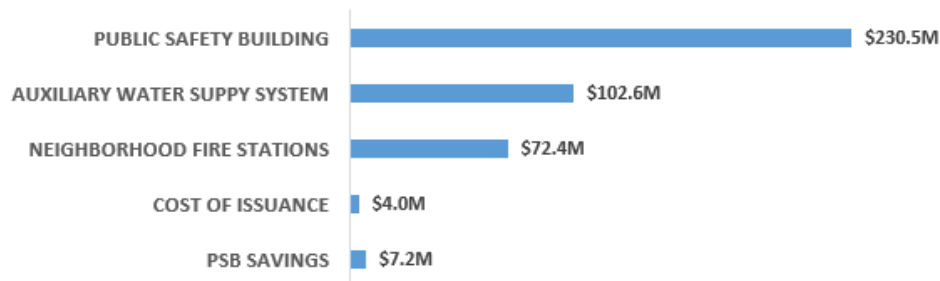
Earthquake Safety and Emergency Response Bond Program 2010 & 2014

Quarterly Status Report

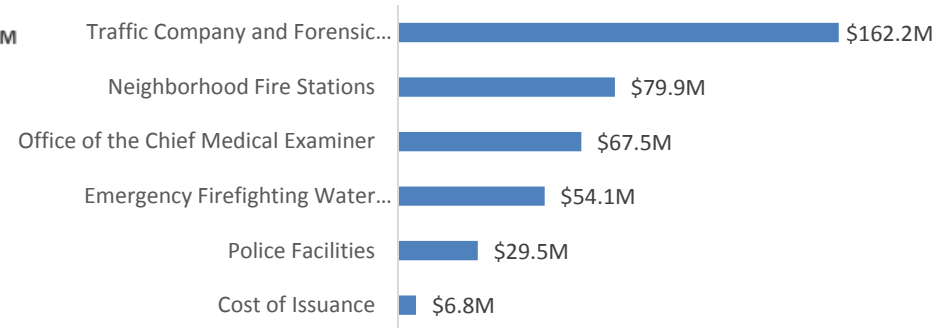
Presented to the Citizens' General Obligation Bond Oversight Committee

For the Fourth Quarter of FY 17-18 - as of June 2018 (financials thru Fiscal Year End 2017)

Overview of ESER 2010 Scope and Budget \$417M



Overview of ESER 2014 Scope and Budget \$400M



FS 16 – Curtainwall Install



Fireboat Station 35 – Revised Design Concept



ESER Bond Program 2010 & 2014 | Executive Summary

I. Highlights and accomplishments

- Construction continues on track for EFWF's Pumping Stations 1 and 2.
- FS5 placed slab-on-grade on 4/9/18
- FS16 completed roofing and building shell
- FS35 100% SD issued on 6/26/18
- 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 summer 2018
- City has issued three bond sales for ESER 2014 totaling \$400,000,000. The proceeds of the third and final bond sale for \$189,735,000 have been appropriated.

II. Upcoming milestones

- TCFSD CM/GC pre-construction services Phase 2 start date in 07/18.
- FS5 complete roofing and building shell
- FS16 substantial completion
- FS 35 completion of DD phase and BCDC permit

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

On-going challenging bid environment affects:

- Active marketplace produces scarcity of labor resulting in fewer bidders/less completion and raises costs
- Premium cost of construction, i.e. 10% upcharge for market conditions
- Misaligned budgets impact project scope
- Responsiveness of trades to schedule obligations

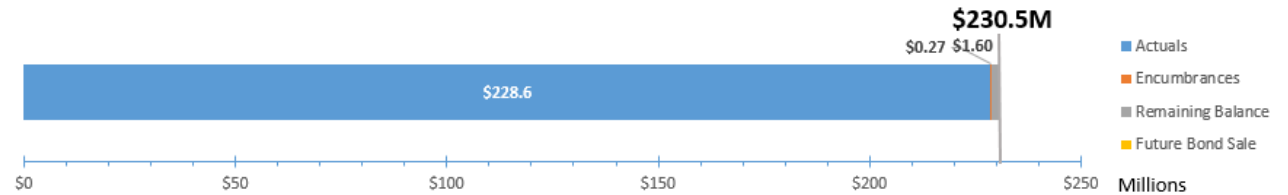
Public Safety Building (PSB 2010 – \$230.5M)

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

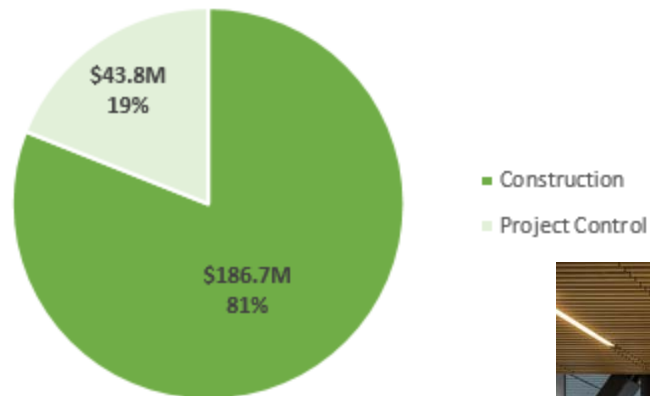
Recent accomplishments

- Current expected savings approximately \$7.2M reflective of Budget Revision #2.
- Final payment to Executive Architect and release of retention was issued in June.

Status of budget

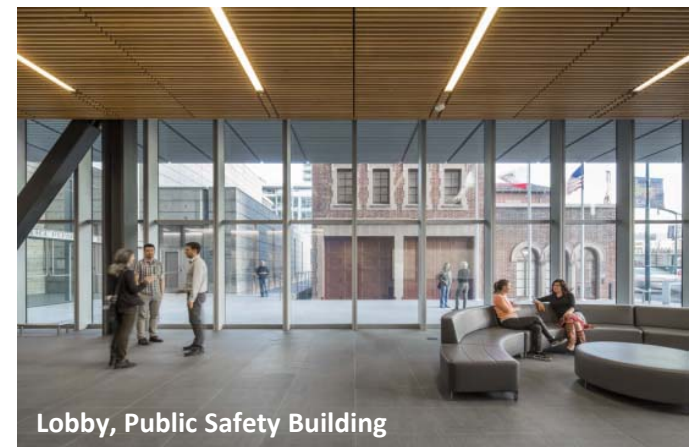


Budget Allocation



Upcoming milestones

- Once the financial data is available, will proceed with closeout A/E contract and project financials.



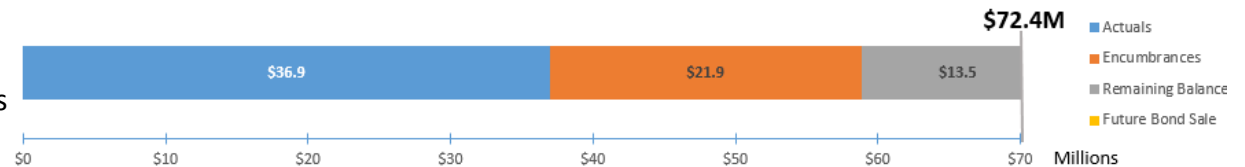
Neighborhood Fire Stations (NFS 2010 - \$72.4M)

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

Recent accomplishments

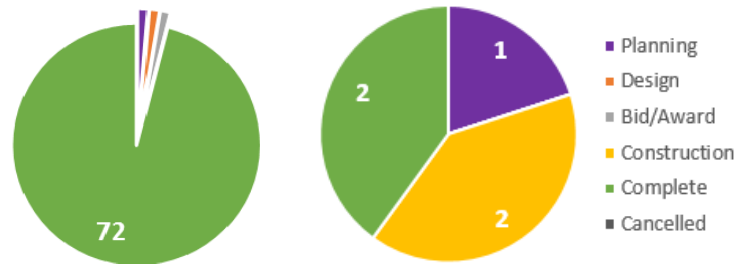
- FS 16 – Roofing and building envelope complete; install of ceramic wall and floor tile at restrooms and locker rooms complete; carpentry and casework complete; installed four-fold apparatus bay doors
- FS 5 – Placed slab-on-grade on April 9, 2018; steel framing and weatherproofing at exterior walls complete; MEP and Fire Alarm rough-in in progress

Status of budget



Budget Allocation

Focused Scope (75) Seismic & Comprehensive (5)



80 total projects

Upcoming milestones

- FS 16 – Begin installation of fuel oil system; substantial completion anticipated for September 2018
- FS 5 – Complete roofing and building shell, including art glass at the 3rd floor of the east elevation; complete MEP and Fire Alarm rough-in
- FS 18 Generators – Design NTP to BDC and GHD in July
- Apparatus Bay Doors Pkg. 6 (7 FSs) – Invitation to bid in late 2018



FS 16 FOUR-FOLD APPARTUS BAY DOORS

Neighborhood Fire Stations (NFS 2014 – \$79.9M) Current Phase: **Various** Completion Date: **June 2021**

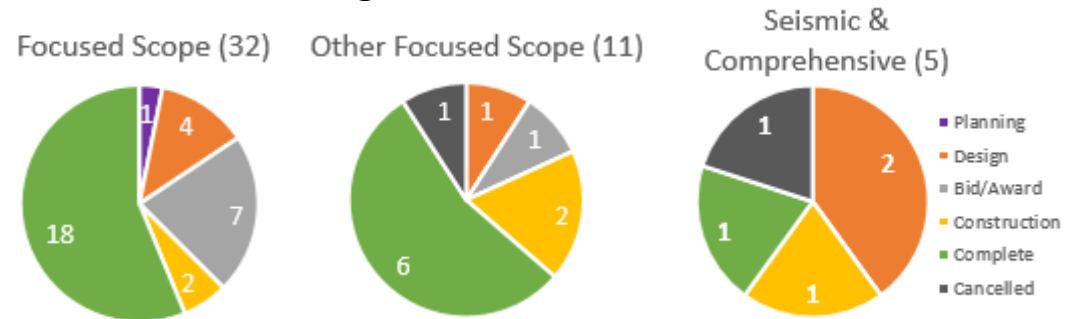
Recent accomplishments

- FS 2 Generator – NTP to GHD on 4/5/19
- FS 31 Generator – 95% CDs complete 4/1/18; CEQA on 5/30/18
- Envelope Pkg. 2 (FS 24, 34) – Bid Opening on 5/23/18; City rejected bids – 3 of 4 bids received were non responsive; Re-bid in late 2018
- App Bay Doors Pkg. 4 Ancillary – 8 of 17 FSs complete
- App Bay Door Pkg. 3 (10 FSs) – NTP to DWN on 4/9/18
- Exterior Envelope Pkg. 4 (FS 22) – NTP to Argo on 5/14/18
- FS 35 – BCDC Design Review Board 2nd pre-application review was held on 6/11/18; this additional review caused delay in issuance of 100% SD documents; Design-Builder submitted 100% SD to City on 6/26/18
- Pier 26 – fence proposal approved; contractor released to fabricate

Status of budget



Budget Allocation



48 total projects



Upcoming milestones

- FS 19 Generator – Design NTP to BDC and GHD in July
- FS 31 Generator – Permitted on or about 6/29/18; Informal bid summer 2018
- Showers Pkg. 2 (FS 17, 19, 33) – Invitation to Bid delayed to summer 2018 due to re-permitting by BDC
- App Door Pkg. 5 (17 FSs) - RFQ/RFP for specialty door JOC in fall 2018
- FS 35 – Release float design based on 100% SDs
 - Pier 26 – Complete electrical work and installation of the security fence by September 2018
 - Roof Pkg. 5 – Financial Closeout fall 2018



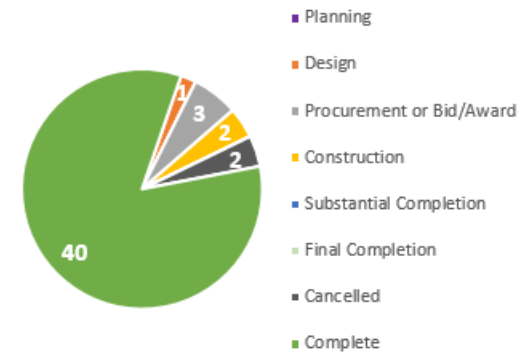
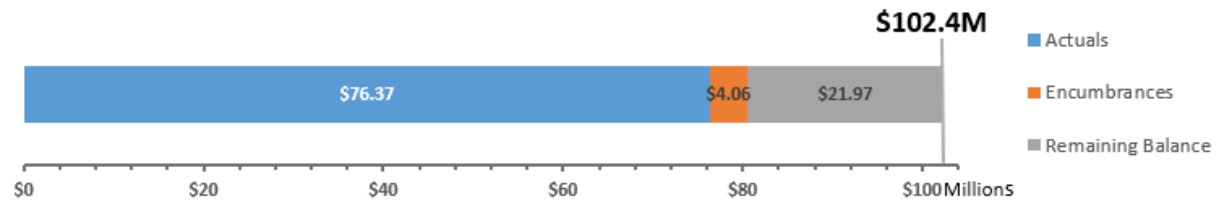
Emergency Firefighting Water System (ESER 2010 - \$102.4M)

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

Recent accomplishments

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

Status of budget



Upcoming milestones

- AWSS Pipeline Improvements contract - Advertise July 2018.

48 total projects



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

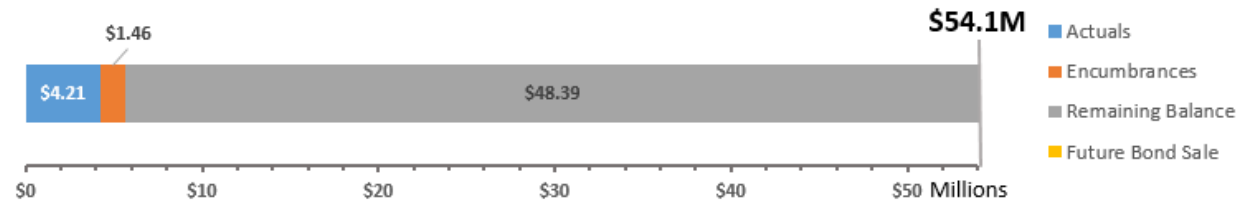
Current Phase: **Various**
Completion Date: **December 2020**

Recent accomplishments

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

Upcoming milestones

- 19th Avenue Pipeline contract – Advertise July 2018



28 Projects



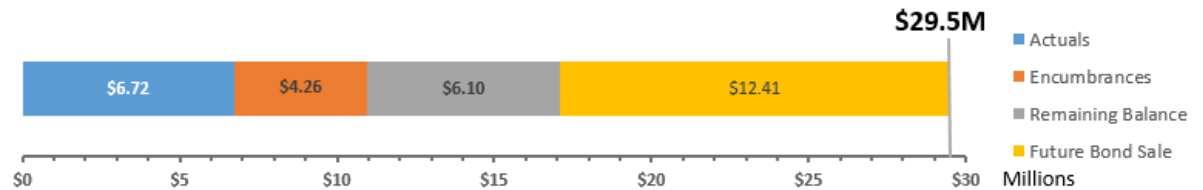
Police Facilities (PF 2014 - \$29.5M)

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

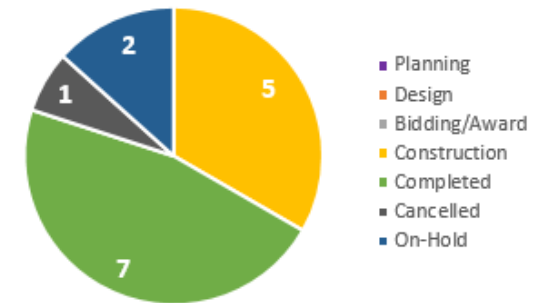
Recent accomplishments

- Firearms Simulation Training Facility: achieved substantial completion in May 2018.
- MEP Package 2 – Bayview and Tenderloin: issued NTP June 25, 2018.
- Park and Ingleside Police Station: Contractor mobilized and began work at Park Station.
- Mission Police Station completed 100% Design drawings but it is currently placed on hold per CPC.

Status of budget



Budget Allocation



Upcoming milestones

- Northern, Richmond, Taraval Station: substantial completion in August/September 2018.
- MEP Package 2 – Bayview and Tenderloin: complete pre-construction phase and begin construction end of August / early September 2018.
- Firearms Simulation Training Facility: complete close-out phase.

15 total projects (12 loc.s)



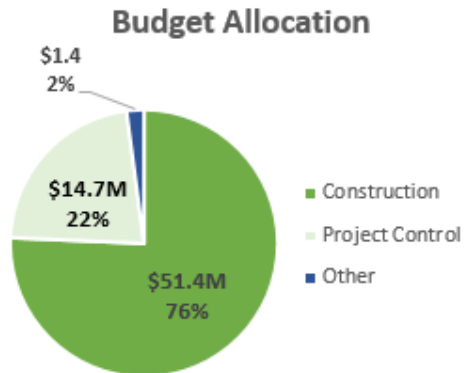
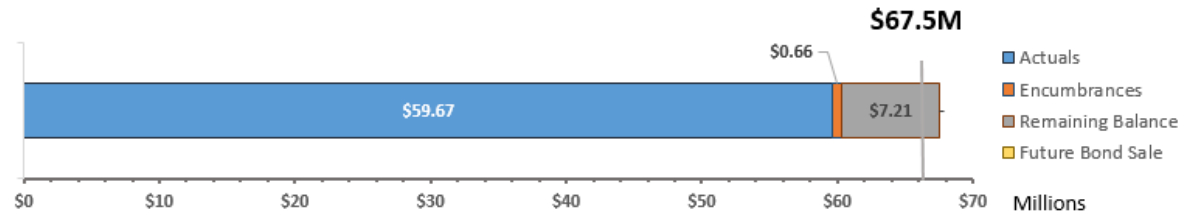
Office of the Chief Medical Examiner (OCME 2014 - \$67.5M)

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 - \$162.2M)

Current Phase: **Design**

Completion Date: **Winter 2020**

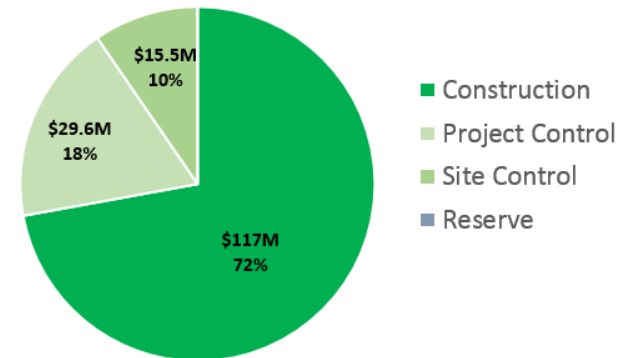
Recent accomplishments:

- Azul Works completed abatement in April 2018. Demolition to be completed by end July 2018
- Status of nearly \$30M over budget amount, and reduction efforts, was presented to the Capital Planning Committee on 4/30/18. The presentation described that after two separate VE efforts in 2016/17 + 2018, yielding reductions of \$12.35M + \$14.3M without impacting program, the remaining \$6.65M budget deficit would require program reduction. The resulting outcome of the CPC meeting was a stated commitment from the City Administrator to fund the project from the FY19-20 budget to avoid program reductions.

Status of budget



Budget Allocation



Upcoming milestones:

- Criteria Package to City on 7/6/18 followed by Core Trade Subcontractor bidding.
- Pre-Con Phase II when the Core Trade Subs assume role of design-builders



Demo on May 9, 2018

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

| Components/Projects | Original Budget | Revised Budget | GENERAL OBLIGATION BONDS | | | | Encumbrance+ Expenditures / Revised Budget | Encumbrance+ Expenditures / Appropriation |
|--|--------------------|--------------------|--------------------------|--------------------|-------------------|-------------------|--|---|
| | | | Appropriation (i) | Expenditures | Encumbrance | Balance | | |
| Public Safety Building (PSB) | 239,000,000 | 230,500,000 | 230,500,000 | 228,635,201 | 269,585 | 1,595,214 | 99% | 99% |
| Neighborhood Fire Stations (NFS) | 64,000,000 | 72,367,175 | 71,067,175 | 36,937,064 | 21,887,840 | 12,242,271 | 81% | 83% |
| Auxiliary Water Supply System (AWSS) | 102,400,000 | 102,684,472 | 102,684,472 | 76,979,758 | 3,633,710 | 22,071,004 | 79% | 79% |
| Oversight, Accountability & Cost of Issuance | 6,900,000 | 4,006,906 | 4,006,906 | 3,313,271 | 0 | 693,635 | 83% | 83% |
| PSB Savings | | 7,200,000 | 8,500,000 | 0 | 0 | 8,500,000 | 0% | 0% |
| TOTAL | 412,300,000 | 416,758,553 | 416,758,553 | 345,865,294 | 25,791,135 | 45,102,124 | 89% | 89% |

(i) Appropriation will reflect revised budget upon completion of budget revision #2 transactions and interest earned reallocation into respective components.

Previous slides reflect budget revision #2

The budget report for both ESER 2010 and 2014 bond programs continues to report expenditures thru June 30, 2017 as a result of problems with conversion to the City's new financial system, FSP. Public Works is working with the Controller's office to resolve these issues and expects resolution in the first fiscal quarter of FY 18-19.

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

| Components/Projects | Original Budget | Revised Budget | GENERAL OBLIGATION BONDS | | | | Encumbrance+ Expenditures / Revised Budget | Encumbrance+ Expenditures / Appropriation |
|---|--------------------|--------------------|--------------------------|--------------------|-------------------|-------------------|--|---|
| | | | Appropriation (i) | Expenditures | Encumbrance | Balance | | |
| Office of the Chief Medical Examiner (OCME) | 63,895,000 | 67,533,024 | 66,233,024 | 59,665,999 | 659,146 | 5,907,879 | 89% | 91% |
| Traffic Control & Forensic Services Division (TC/FSD) | 162,195,000 | 162,195,000 | 46,703,201 | 23,347,118 | 1,741,673 | 21,614,409 | 15% | 54% |
| Police Facilities (PF) | 29,490,000 | 29,490,000 | 17,077,654 | 6,716,544 | 4,260,680 | 6,100,429 | 37% | 64% |
| Neighborhood Fire Station (NFS) | 83,555,000 | 79,916,976 | 23,793,505 | 10,143,466 | 2,025,922 | 11,624,117 | 15% | 51% |
| Emergency Firefighting Water System (EFWS) | 54,065,000 | 54,065,000 | 54,065,000 | 4,877,891 | 1,401,714 | 47,785,397 | 12% | 12% |
| Component Subtotal | 393,200,000 | 393,200,000 | 207,872,385 | 104,751,018 | 10,089,136 | 93,032,232 | 29% | 55% |
| Oversight/Accountability & Cost of Issuance | 6,800,000 | 6,800,000 | 2,392,617 | 1,881,237 | 0 | 511,380 | 28% | 79% |
| TOTAL | 400,000,000 | 400,000,000 | 210,265,000 | 106,632,255 | 10,089,136 | 93,543,612 | 29% | 56% |

(i) Appropriation will reflect revised budget upon completion of budget revision #2 transactions.

Previous slides reflect budget revision #2

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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