

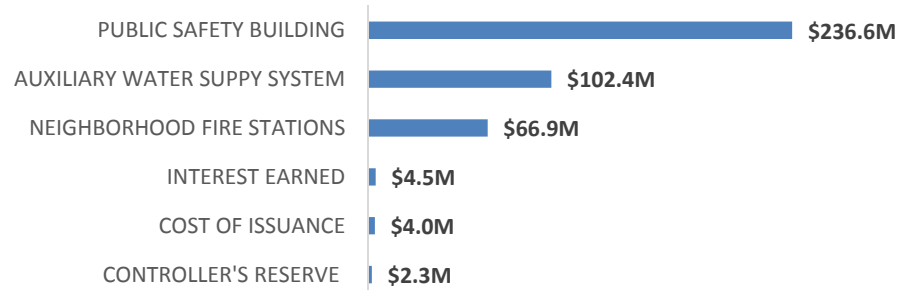
Earthquake Safety and Emergency Response Bond Program 2010 & 2014

Quarterly Status Report

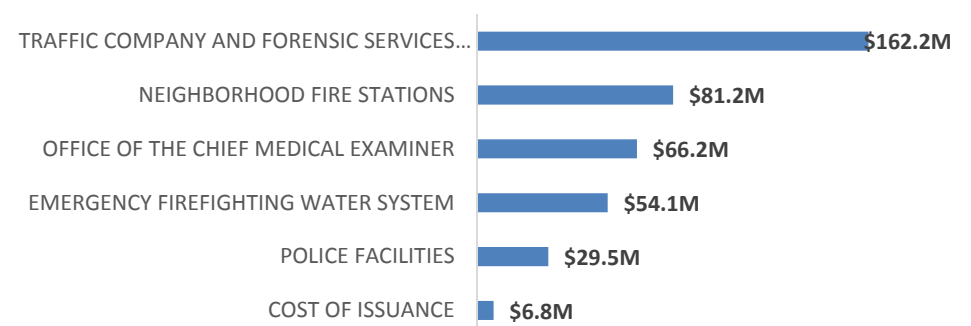
Presented to the Citizens' General Obligation Bond Oversight Committee

as of March 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-three of the thirty planned cisterns are functional
- FS16 construction underway
- FS5 construction contract NTP issued March 23
- Traffic Company and Forensic Services Division (TCFSD 2014) Scope-Budget realignment completed in March

III. Bond sales and appropriations

- City has issued six bond sales for ESER 2010 totaling \$412,300,000. \$416,759,261 has been appropriated, inclusive of interest-earned.
- City has issued two bond sales for ESER 2014 totaling \$210,251,174. \$210,251,174 has been appropriated.

II. Upcoming milestones

- TCFSD RFP for CM/GC to be issued early May
- Neighborhood Fire Stations (NFS 2014) - FS35 Request For Proposal (RFP) completed Phase 1 Design Competition March 23. Phase 2 Technical Submittal due from teams on May 24.
- The probabilistic analysis and field investigations (etc.) draft report was presented to the client departments in February.
- Third Bond sale for ESER 2014 for \$189M expected in December 2017

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

- On-going challenging bid environment
 - Many projects underway or emerging
 - Scarcity of labor raises trade costs
 - Limited interest, i.e. fewer bidders
 - Higher than budgeted bids
- Obligatory down-scoping to resolve merging budget mis-alignment(s)

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

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

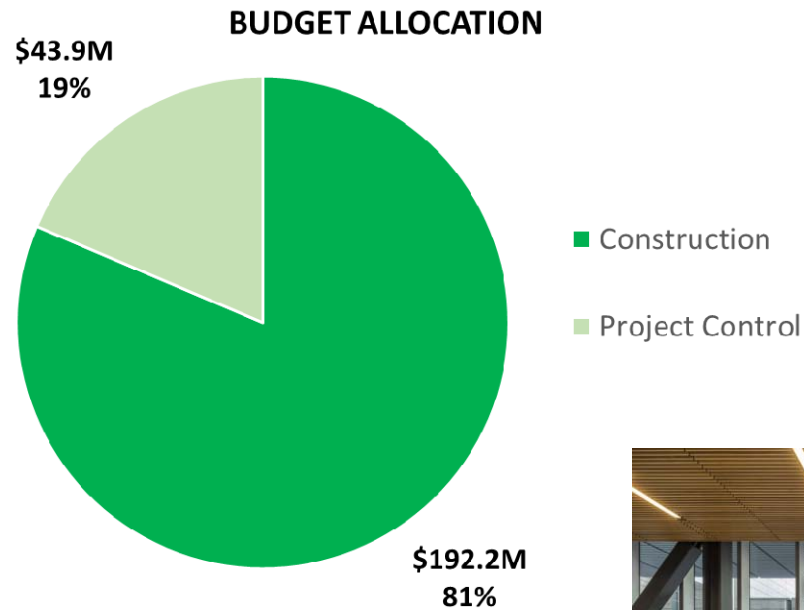
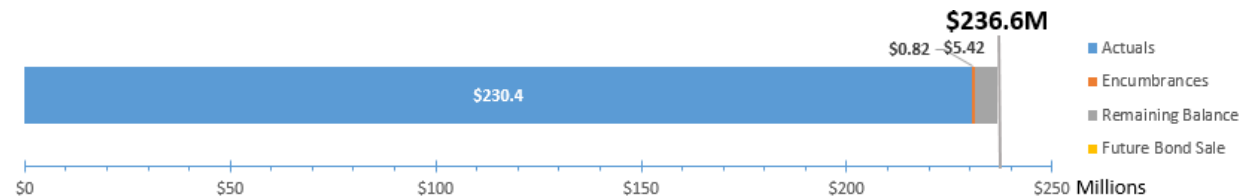
Recent accomplishments

- Building in successful continuous operation
- Final Contract Change Order approved
- Certificate of Final Completion and Occupancy issued by the Department of Building Inspection (DBI)

Upcoming milestones

- Contract closeout and final payment

Status of budget



Lobby, Public Safety Building



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

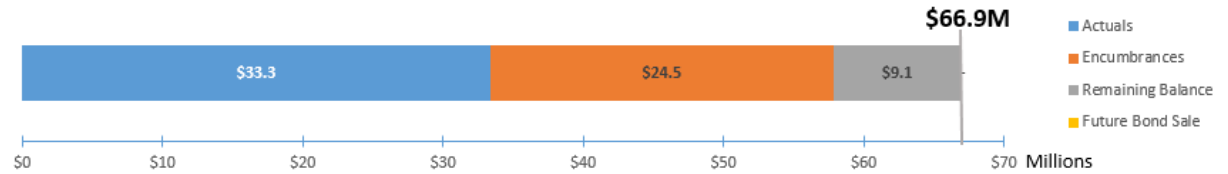
Current Phase: **Various**
 Completion Date: **December 2018**
 Status of budget

Recent accomplishments

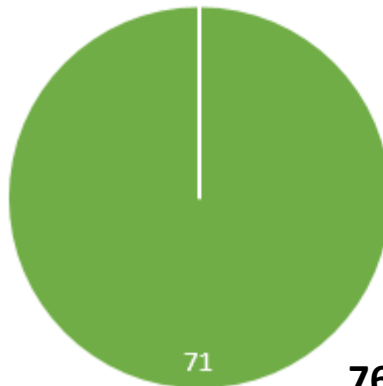
- FS16 CG completed building demolition February 2017
- FS16 underpinning of neighboring properties is nearly complete
- FS16 recovery schedule submitted to address weather and other delays
- FS5 construction contract NTP issued March 27

Upcoming milestones

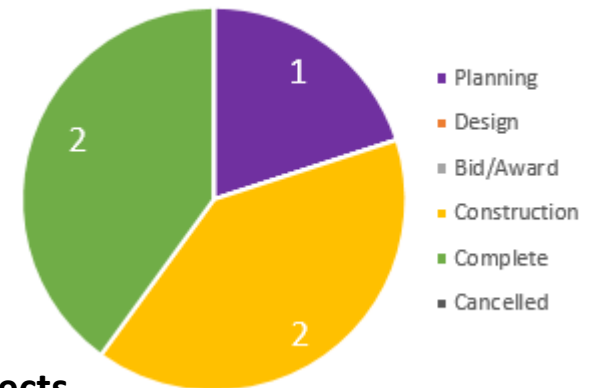
- FS16 foundations
- FS5 mobilization submittals in progress and to be completed mid-April
- FS5 Historic American Building (HABS) survey to be completed mid-April
- FS5 SFFD to vacate April 19
- Additional Focused Scope projects begin with Headquarters Exterior Envelope (BBR)



Focused Scope (71)



Seismic & Comprehensive (5)



76 total projects

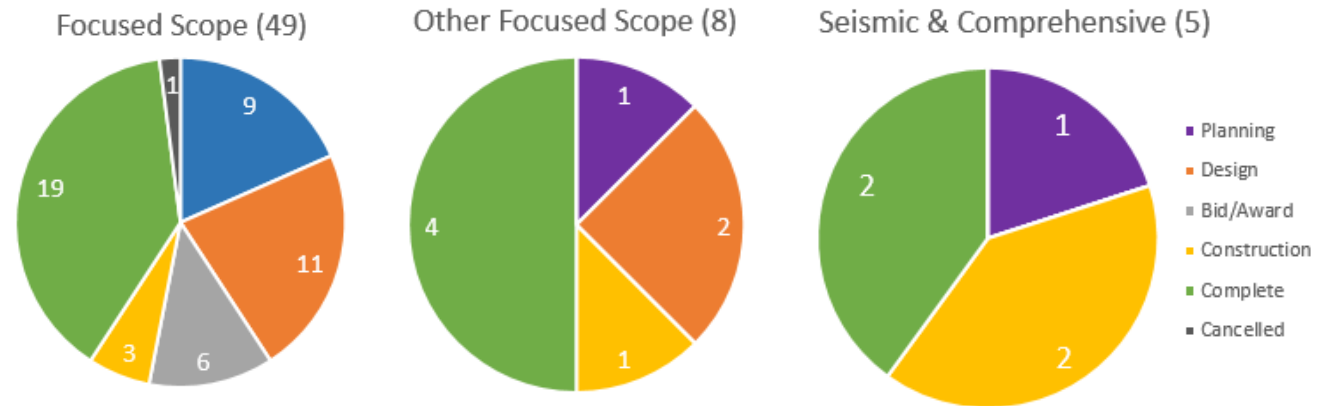
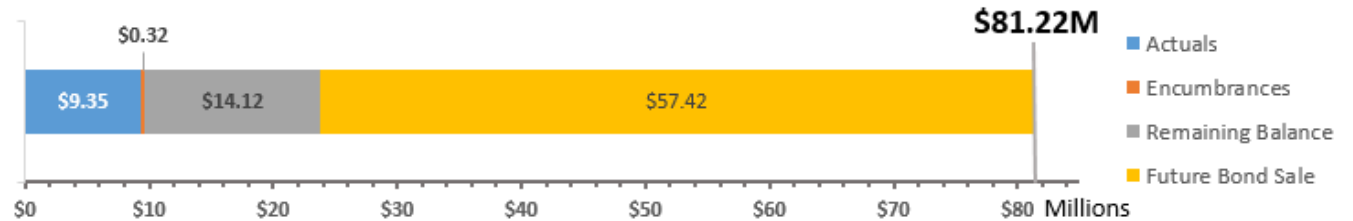


Neighborhood Fire Stations (NFS 2014 – \$81.2M)

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

Recent accomplishments

- FS35 RFP: Step 1 Design Competition completed March 23
- FS35 RFP: Advanced 2 finalists to Step 2 on April 3
- Roof Package 5 (6 stations) advertised for bid on March 3



Upcoming milestones

65 total projects

- FS35 Request For Proposal (RFP) Step 2 submittals due May 24
- Combined Roof Package 5 (6 stations) – Bid opening April 12
- App Bay Door Package 3 (12 stations) – Advertising for Bid April
- Shower Package 2 (4 stations) - Advertising for Bid May

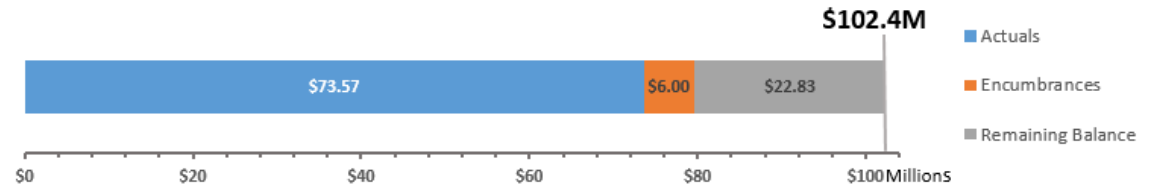


Emergency Firefighting Water System (ESER 2010 - \$102.4M)

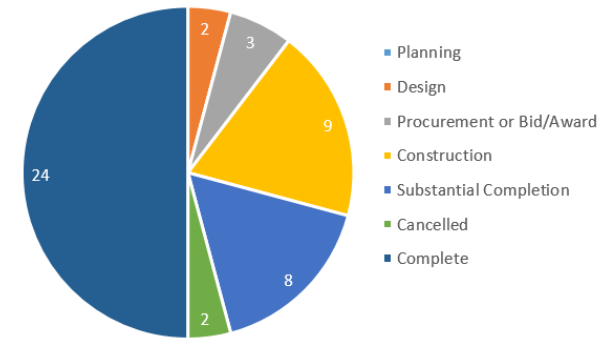
Current Phase: **Various**
Completion Date: **February 2020**

Recent accomplishments

- Construction continued for Cisterns E (WD-2746), Cisterns F (WD-2747), and Pumping Station 1 (WD-2686) contracts
- Twenty-three of the thirty planned cisterns are functional



Status of budget



48 total projects

Upcoming milestones

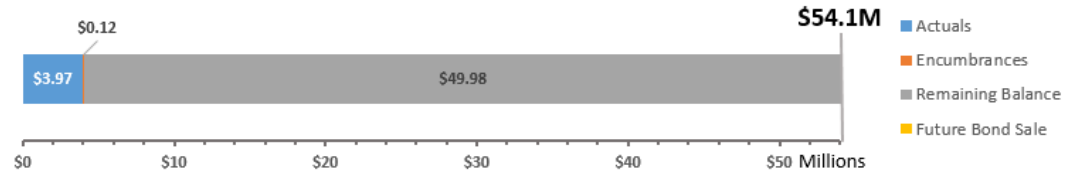
- Pumping Station 2 construction contract (WD-2687) bids are due in May 2017
- Pumping Station 1 Tunnel construction is expected to commence in August 2017
- Street Valve Motorization is expected to advertise in April 2017.



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

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

Status of budget



Recent accomplishments

- Design and construction work continued for pipeline, tunnel projects
- AWSS Candlestick Point pipeline construction completed

Upcoming milestones

- AWSS pipeline construction to be included in pending Public Works paving contracts
 - I. 19th Avenue – Advertise 8/17/17
 - II. Ashbury Bypass – Bid Opening 5/31/17
 - III. Irving Street – Bid Opening 4/12/17



27 Projects

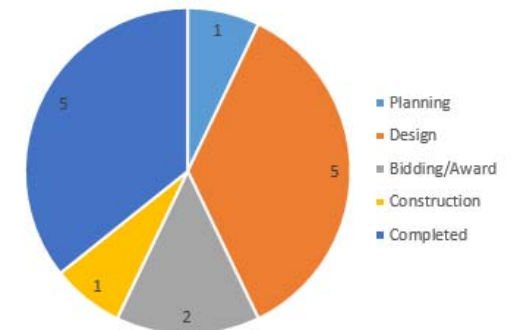
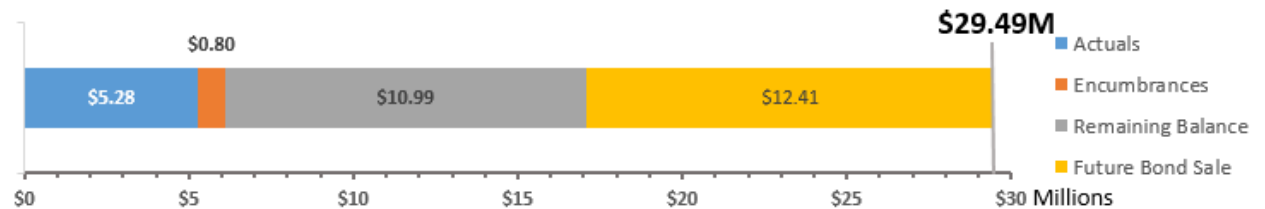


Police Facilities (PF 2014 - \$29.5M)

Current Phase: **Various**
 Completion Date: **July 2019**
 Status of budget

Recent accomplishments

- ADA Package 1 construction completed, final DBI sign-off received on all 5 stations.
- Substantially completed construction on 2 out of 5 stations for ADA Package 2.
- Northern Police Station Renovation and MEP Package 1 completed bidding phase.
- Received construction permit for Ingleside Police Station Renovation.
- Completed 100% design documents for Firearms Simulator Training Facility Project; obtained CEQA clearance from Planning Department.



Upcoming milestones

- ADA Package 2 to achieve substantial completion before June 2017.
- Complete 100% bid documents for Ingleside and Park Police Station Renovation in May 2017.
- Complete 35% design documents for Police Academy Renovation and MEP Package 2 in May 2017.
- Award and begin construction on Firearms Simulator Training Facility.

14 total projects (11 locations)

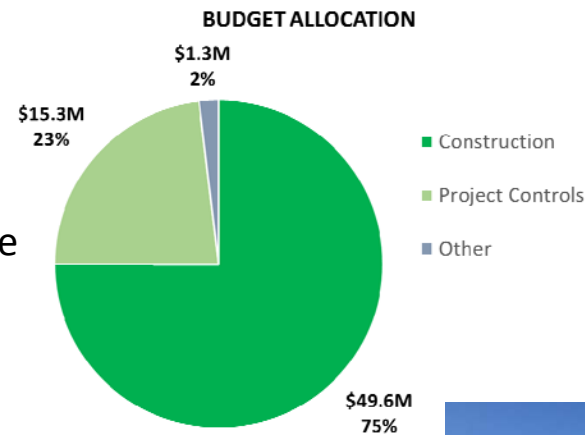
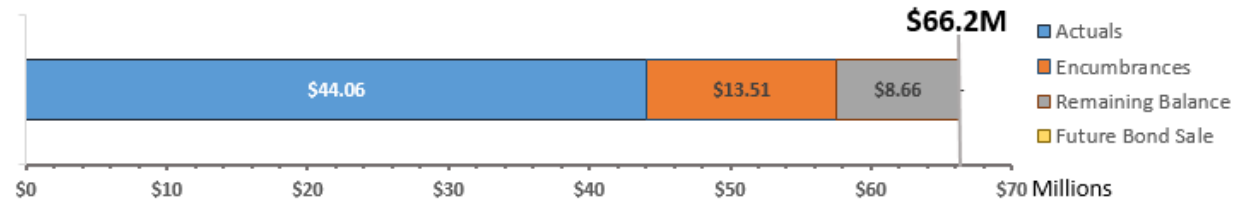


Office of the Chief Medical Examiner (OCME 2014 - \$66.2M)

Current Phase: **Construction**
 Completion Date: **August 2017**
 Status of budget

Recent accomplishments

- Initiated lab equipment procurement
- Completed rooftop mechanical equipment
- Roof completed
- Tenant improvements ongoing
- Construction is 77% work in place
- All construction activities on schedule



Upcoming milestones

- Completion of the exterior skin in April
- Completion of the terrazzo flooring in April
- Completion of window installment in April
- Exterior and interior doors to be completed in June
- Energize the building in May
- Finish sitework in June



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

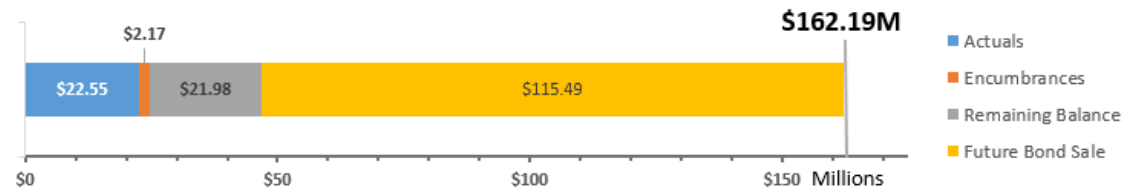
Current Phase: **Design**

Completion Date: **Summer 2020**

Status of budget:

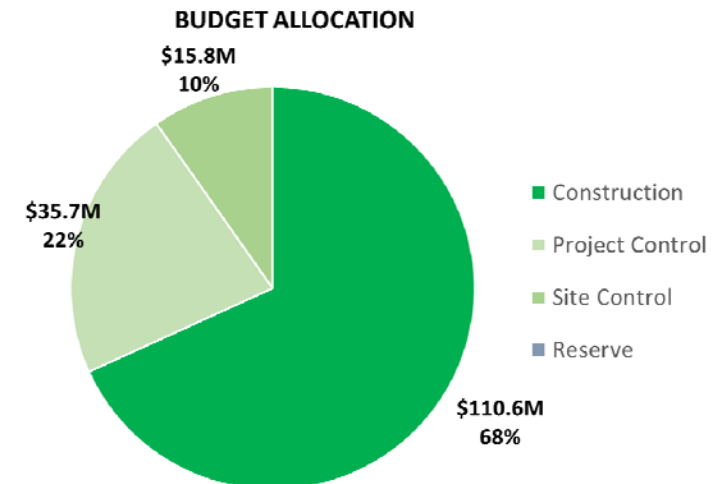
Recent accomplishments:

- Received direction regarding SFPD staffing forecast at facility allowing schematic design to reinitiate after a hold period
- Schematic Design resumes with a “back to budget” realignment challenge and presentation to user groups
- Soils report analysis leads to cost reduction to deep foundation design
- Artist selection process short-lists to 3 from 157 applicants



Upcoming milestones:

- Release of the RFP and hiring of a CM/GC Team
- Release of a hazmat & demolition RFP
- Start of a Design Development Phase



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 | Expenditures | Encumbrance | Balance | | |
| Public Safety Building (PSB) | 239,000,000 | 236,661,976 | 236,661,976 | 230,423,704 | 817,742 | 5,420,530 | 98% | 98% |
| Neighborhood Fire Stations (NFS) | 64,000,000 | 66,906,318 | 66,906,318 | 33,330,884 | 24,500,473 | 9,074,961 | 86% | 86% |
| Auxiliary Water Supply System (AWSS) | 102,400,000 | 102,400,000 | 102,400,000 | 73,569,476 | 6,001,617 | 22,828,907 | 78% | 78% |
| Oversight, Accountability & Cost of Issuance | 6,900,000 | 3,965,935 | 3,965,935 | 3,244,003 | 474,133 | 247,799 | 94% | 94% |
| Interest Earned | | 4,486,305 | 4,486,305 | 0 | 0 | 4,486,305 | 0% | 0% |
| Controller's Reserve | | 2,338,024 | 2,338,024 | 0 | 0 | 2,338,024 | 0% | 0% |
| TOTAL | 412,300,000 | 416,758,558 | 416,758,558 | 340,568,067 | 31,793,965 | 44,396,526 | 82% | 86% |

Attachment 1A | 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 | Expenditures | Encumbrance | Balance | | |
| Office of the Chief Medical Examiner (OCME) | 63,895,000 | 66,233,024 | 66,233,024 | 44,063,301 | 13,512,989 | 8,656,734 | 87% | 87% |
| Traffic Control & Forensic Services Division (TC/FSD) | 162,195,000 | 162,195,000 | 46,703,201 | 22,554,289 | 2,166,291 | 21,982,620 | 15% | 53% |
| Police Facilities (PF) | 29,490,000 | 29,490,000 | 17,077,653 | 5,280,158 | 802,517 | 10,994,979 | 21% | 36% |
| Neighborhood Fire Station (NFS) | 83,555,000 | 81,216,976 | 23,793,505 | 9,348,003 | 320,519 | 14,124,980 | 12% | 41% |
| Emergency Firefighting Water System (EFWS) | 54,065,000 | 54,065,000 | 54,065,000 | 3,970,795 | 117,040 | 49,977,167 | 8% | 8% |
| Oversight/Accountability & Cost of Issuance | 6,800,000 | 6,800,000 | 2,378,790 | 1,800,356 | 560,962 | 17,471 | 35% | 99% |
| TOTAL | 400,000,000 | 400,000,000 | 210,251,174 | 87,016,902 | 17,480,319 | 105,753,952 | 26% | 50% |

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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