

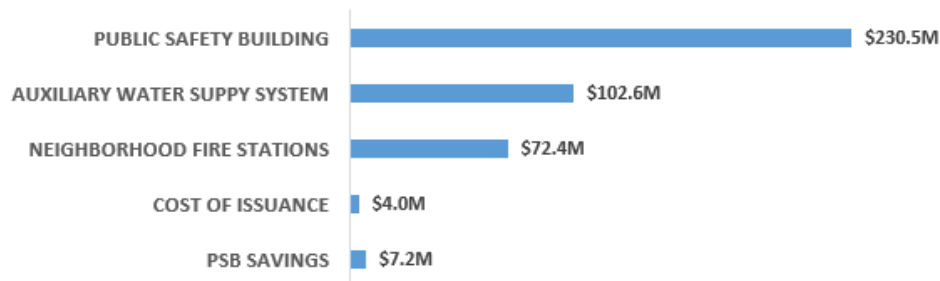
# Earthquake Safety and Emergency Response Bond Program 2010 & 2014

## Quarterly Status Report

Presented to the Citizens' General Obligation Bond Oversight Committee

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

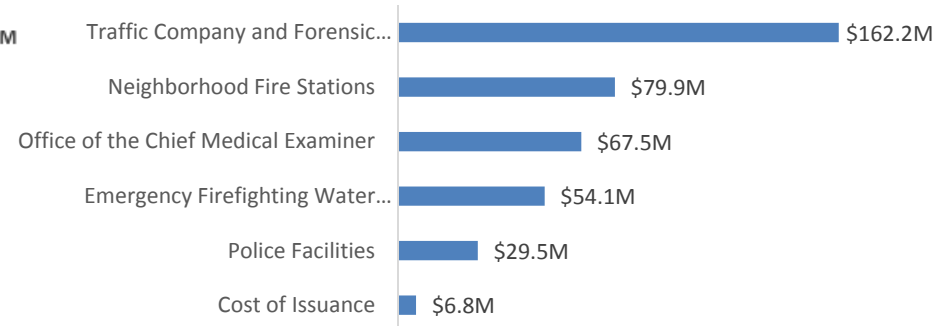
### Overview of ESER 2010 Scope and Budget \$417M



FS 5 Structural Steel Framing



### Overview of ESER 2014 Scope and Budget \$400M



Office of the Chief Medical Examiner

## ESER Bond Program 2010 & 2014 | Executive Summary

### I. Highlights and accomplishments

- Auxiliary Water Supply System (AWSS 2010) - thirty cisterns are now functional
- FS5 steel completion ceremony on 1/26/18
- FS35 completed Concept Design in Jan 2018
- Traffic Company & Forensic Services Division (TCFSD 2014) Abatement completion mid-April. CM/GC pre-con under way
- OCME Final Certificate received March 2018

### II. Upcoming milestones

- TCFSD CM/GC pre-construction services Phase 1 start date of 11/27/19. Coincides with A/E start of Design Development
- FS5 place slab-on-grade and begin building shell
- FS16 complete roofing and building shell

### 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 two bond sales for ESER 2014 totaling \$210,265,000. The third and final bond sale is anticipated in early summer 2018

### 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



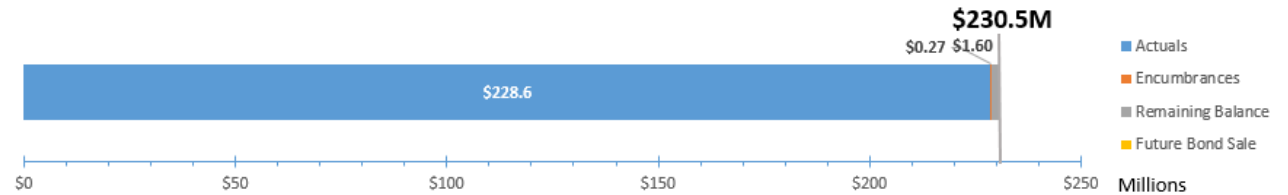
# Public Safety Building (PSB 2010 – \$230.5M)

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

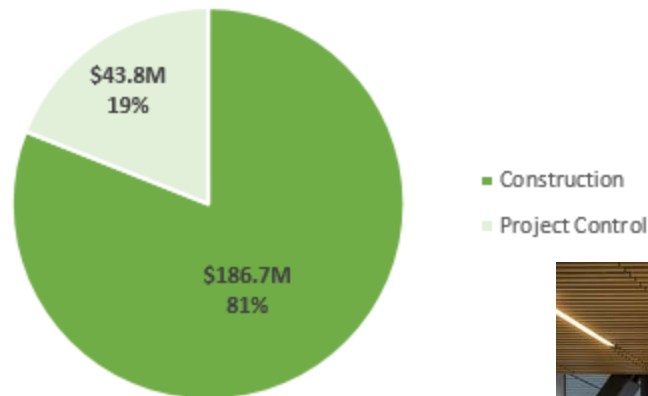
## Recent accomplishments

- Current expected savings approximately \$7.2M reflective of Budget Revision #2.

## Status of budget

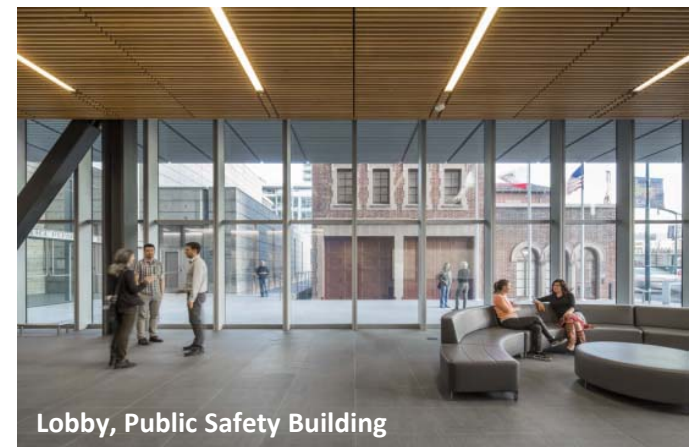


## Budget Allocation



## Upcoming milestones

- Closeout A/E contract and job order.



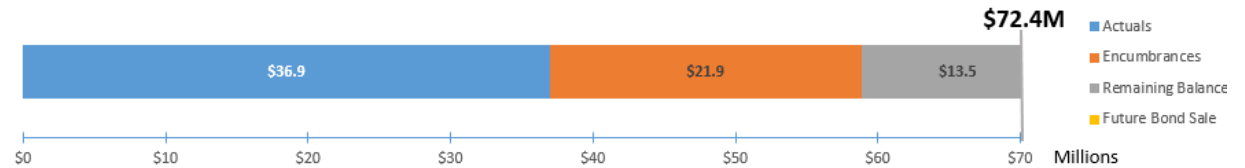
# Neighborhood Fire Stations (NFS 2010 - \$72.4M)

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

## Recent accomplishments

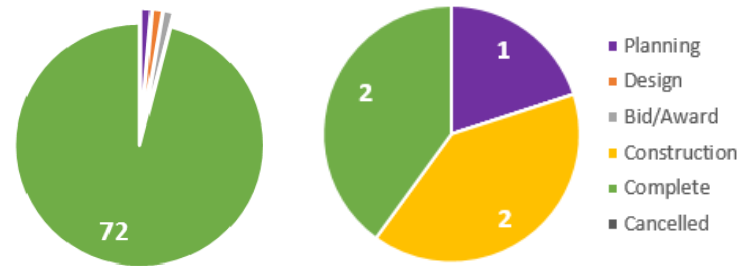
- FS 16 – Structural steel complete; interior metal stud framing complete; roofing and building envelope delayed due to weather conditions; utility rough-in substantially complete.
- FS 5 – Steel completion ceremony was held on January 26, 2018; placed concrete slabs at 2nd floor, 3rd, and roof level; placement of slab-on-grade delayed due to weather conditions; installed underground utilities; began utility rough-in at 2nd and 3rd floors.

## Status of budget



## Budget Allocation

Focused Scope (75)    Seismic & Comprehensive (5)



**80 total projects**

## Upcoming milestones

- FS 16 – Completion of the building envelope and the roof.
- FS 5 – Place slab-on-grade in April 2018; begin building envelope scope of work.



FS 5 Steel Completion Ceremony

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

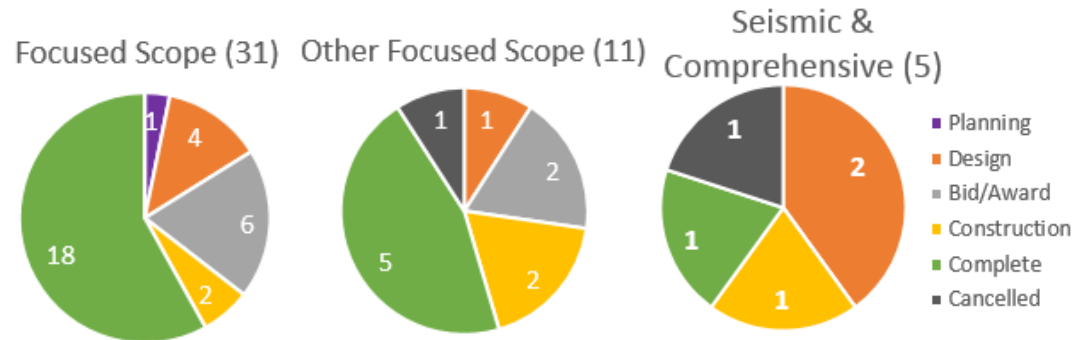
## Recent accomplishments

- App Bay Door FS 3 Emergency Declaration - Substantial Completion in January 2018.
- Exterior Envelope Pkg. 4 (FS 22) – \$780K construction contract awarded to Argo Construction on 3/30/18.
- App Bay Doors Ancillary Work Pkg. 4 – Substantial Completion of FS 9, 20, 23, 22 and 17 on 3/30/18
- FS 35 – Completed Concept Design Phase on 1/29/18; NTP for Schematic Design issued on 1/30/18; first pre-application review with BCDC DRB held on 2/26/18.
- Pier 26 – Electrical work began on 3/12/18; fireboats to moor at the pier.

## Status of budget



## Budget Allocation



**47 total projects**

## Upcoming milestones

- App Bay Door Package 3 (10 Fire Stations)– NTP to D.W. Nicholson delayed to end of April 2018 due to issue with Planning’s CEQA CatEx determination.
- Roof Package 5 (FS 9, 20, 23, 24, 29, 43) – Final Completion spring 2018.
- Envelope Pkg. 2 (FS 24, 34) – Invitation to Bid in early April 2018.
  - Showers Pkg. 2 (FS 17, 19, 33) – Invitation to Bid in late April 2018.
  - FS 35 – Complete Schematic Design Phase in April 2018.
  - Pier 26 – Complete electrical work and installation of the security fence in May 2018.



Fireboat 1 (Phoenix) moored at Pier 26



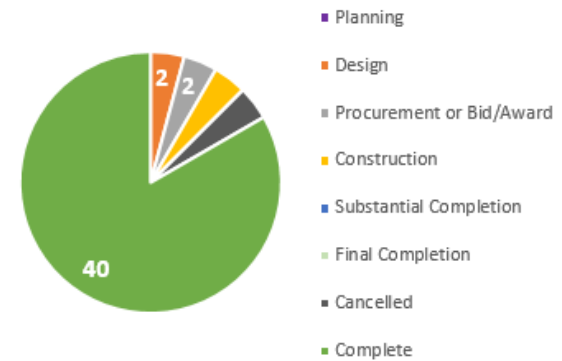
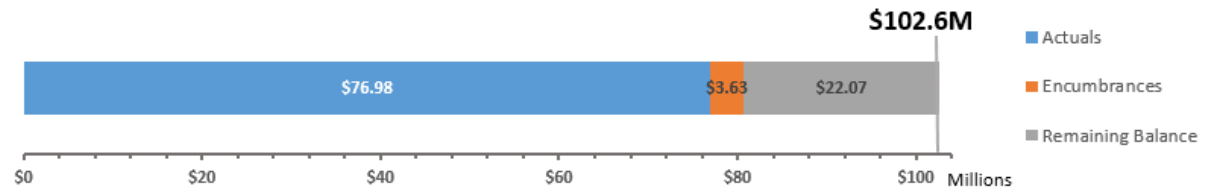
# Emergency Firefighting Water System (ESER 2010 - \$102.6M)

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 May 2018.

**48 total projects**



Pump Station 2 Project

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

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

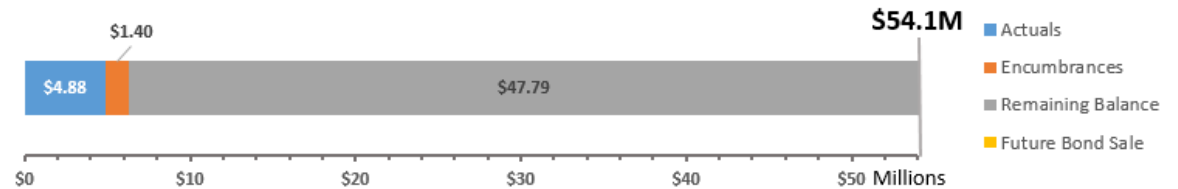
## Recent accomplishments

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

## Upcoming milestones

- 19<sup>th</sup> Avenue Pipeline contract – Advertise July 2018
- Ingleside/University Mound contract – Advertise July 2018

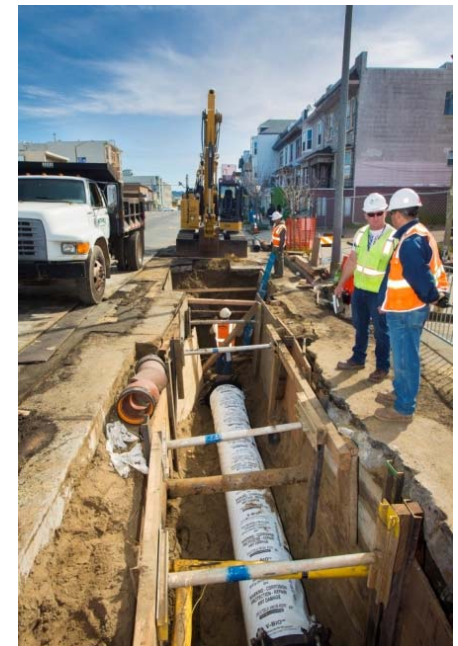
## Status of budget



## Budget Allocation



**28 Projects**



Irving Street Pipeline Project

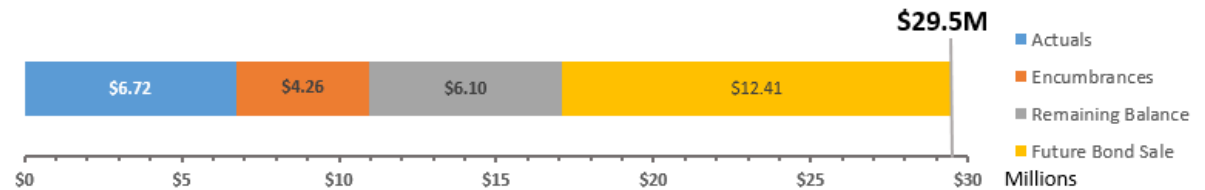
# Police Facilities (PF 2014 - \$29.5M)

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

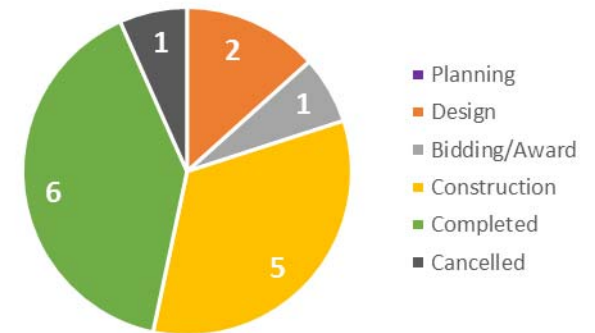
## Recent accomplishments

- MEP Package 2 – Bayview and Tenderloin: Advertised and received a total of 4 bids.
- Police Academy Renovation: approved by DBI.
- Northern, Richmond, and Taraval: Completed site and drainage work at Richmond Station; completed duct cleaning at all three sites.
- Firearms Simulation Training Facility – modular building successfully placed on foundation.
- Mission Police Station Renovation: completed 65% design.

## Status of budget



## Budget Allocation



## Upcoming milestones

- Firearms Simulation Training Facility: achieve final completion in April 2018.
- Park and Ingleside Police Station: contractor to begin mobilization in April 2018.
- Mission Police Station Renovation: complete bidding documents in May 2018.
- MEP Package 2 – Bayview and Tenderloin: issue NTP in June 2018.

**15 total projects (12 loc.s)**





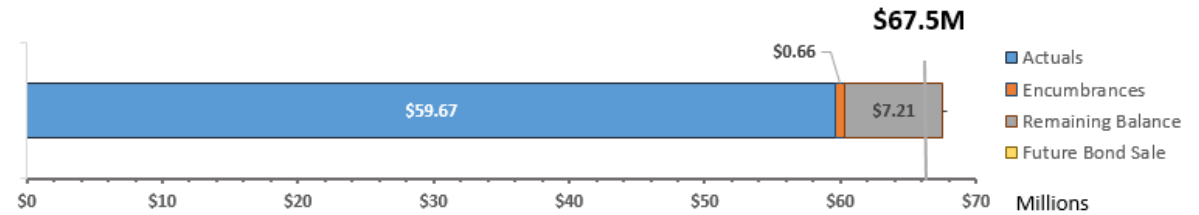
# Office of the Chief Medical Examiner (OCME 2014 - \$67.5M)

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

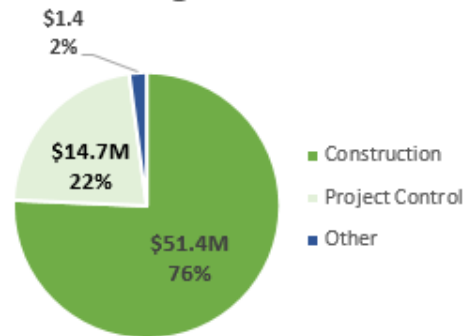
## Recent accomplishments

- Certificate of Final Completion and Occupancy received on March 30, 2018.

## Status of budget



## Budget Allocation



## Upcoming milestones

- Contractor to complete punchlist.
- City to issue Certificate of Acceptance.



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

Current Phase: **Design**

Completion Date: **Winter 2020**

## Recent accomplishments:

- “Facility Demolition at 1995 Evans Avenue” (Haz. Mat. & Demo). Azul Works completing abatement work early April 2018. Demolition permit approval forthcoming
- CM/GC + design-build Core Trade Subcontractors (“CM/GC Team”). NTP issued with a 11/27/17 start date. Pre-con Phase 1 kick-off held 11/30/17. Subcontractor cost reconciliation and VE meetings under way addressing a significant over-budget challenge
- TCFSD Site Permit Application submitted to DBI on 12/21/17 and nearing review approval from the Planning Dept

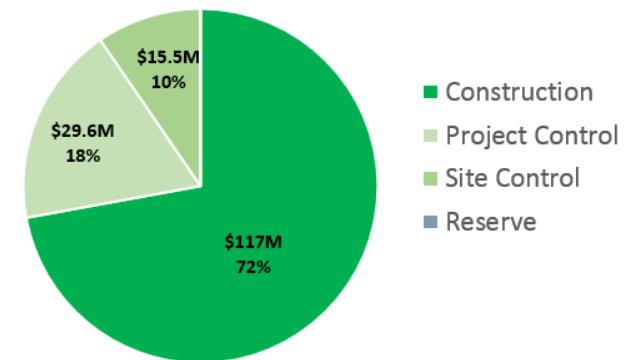
## Upcoming milestones:

- CM/GC Team budget reconciliation leading up to design-build Core trade Subcontractor bids of the forthcoming Criteria package by the A/E team
- Pre-Con Phase II when the Core Trade Subs assume role of design-builders

## 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	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%
<b>TOTAL</b>	<b>412,300,000</b>	<b>416,758,553</b>	<b>416,758,553</b>	<b>345,865,294</b>	<b>25,791,135</b>	<b>45,102,124</b>	<b>89%</b>	<b>89%</b>

(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

## 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%
<b>TOTAL</b>	<b>400,000,000</b>	<b>400,000,000</b>	<b>210,265,000</b>	<b>106,632,255</b>	<b>10,089,136</b>	<b>93,543,612</b>	<b>29%</b>	<b>56%</b>

(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.



[www.sfpublicworks.org](http://www.sfpublicworks.org)