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

<table>
<thead>
<tr>
<th>Category</th>
<th>Budget</th>
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<tbody>
<tr>
<td>Public Safety Building</td>
<td>$236.6M</td>
</tr>
<tr>
<td>Auxiliary Water Supply System</td>
<td>$102.4M</td>
</tr>
<tr>
<td>Neighborhood Fire Stations</td>
<td>$66.9M</td>
</tr>
<tr>
<td>Interest Earned</td>
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<tr>
<td>Cost of Issuance</td>
<td>$4.0M</td>
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<td>Controller’s Reserve</td>
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Overview of ESER 2014 Scope and Budget
$400M

<table>
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<th>Category</th>
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<tr>
<td>Traffic Company and Forensic Services...</td>
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<td>Neighborhood Fire Stations</td>
<td>$81.2M</td>
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<td>Office of the Chief Medical Examiner</td>
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<tr>
<td>Emergency Firefighting Water System</td>
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<td>Police Facilities</td>
<td>$29.5M</td>
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<tr>
<td>Cost of Issuance</td>
<td>$6.8M</td>
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OCME South East Bldg. Entry View

FS 16 1st Floor Concrete Slab
## 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

### 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

### 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.

### 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)

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

Upcoming milestones
- Closeout A/E contract and job order.

Current Phase: Closeout
Completion Date: February 2016

Status of budget

Budget Allocation

Lobby, Public Safety Building
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.

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.

Budget Allocation

- Focused Scope (75)
- Seismic & Comprehensive (5)

Status of budget

- $36.3M
- $22.4M
- $8.2M

FS 5 Drilling and Placement of Soil Micropiles
Neighborhood Fire Stations (NFS 2014 – $81.2M)

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.

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)

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

Upcoming milestones

- Street Valve Motorization construction bids expected April 2018

Current Phase: Various
Completion Date: December 2020

Status of budget

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<th>Category</th>
<th>Budget</th>
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<td>Final Completion</td>
<td>$102.4M</td>
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48 total projects

Cisterns (brick circles)
Emergency Firefighting Water System (ESER 2014 – $54.1M)

Recent accomplishments

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

Upcoming milestones

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

Budget Allocation

Status of budget

Completion Date: December 2020
Current Phase: Various

28 Projects
Police Facilities (PF 2014 - $29.5M)

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.

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.

Status of budget

Current Phase: Various
Completion Date: July 2019

15 total projects (12 loc.s)
Office of the Chief Medical Examiner (OCME 2014 - $66.2M)

Recent accomplishments

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

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)

Recent accomplishments:


• 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 and Financial Plan (ESER 2010)

<table>
<thead>
<tr>
<th>Components/Projects</th>
<th>Original Budget</th>
<th>Revised Budget (1)</th>
<th>GENERAL OBLIGATION BONDS</th>
<th>Encumbrance+ Expenditures / Revised Budget</th>
<th>Encumbrance+ Expenditures / Appropriation</th>
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<td>Appropriation</td>
<td>Expenditures</td>
<td>Encumbrance</td>
<td>Balance</td>
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<td>71,067,175</td>
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<td>Controller’s Reserve</td>
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<td>0%</td>
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<td><strong>TOTAL</strong></td>
<td><strong>412,300,000</strong></td>
<td><strong>416,758,553</strong></td>
<td><strong>412,272,253</strong></td>
<td><strong>26,973,736</strong></td>
<td><strong>89%</strong></td>
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(1) Pending Approval
### Attachment 1A | Status of Budget and Financial Plan (ESER 2014)

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<th>Components/Projects</th>
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<th>Revised Budget (1)</th>
<th>GENERAL OBLIGATION BONDS</th>
<th>Encumbrance+ Expenditures / Revised Budget</th>
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<td>Appropriation</td>
<td>Expenditures</td>
<td>Encumbrance</td>
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<td>29,490,000</td>
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<td><strong>TOTAL</strong></td>
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<td><strong>400,000,000</strong></td>
<td><strong>210,251,181</strong></td>
<td><strong>103,597,419</strong></td>
<td><strong>11,814,117</strong></td>
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(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.

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 Shipyards.

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