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 18-19 – as of June 2019

Overview of ESER 2010 Scope and Budget
$415M

- Public Safety Building: $236.6M
- Neighborhood Fire Stations: $66.9M
- Auxiliary Water Supply System: $102.4M
- Oversight, Accountability & Cost of…: $2.5M
- Public Works Program Reserve: $2.4M
- Appropriated Unallocated Interest: $4.4M

Overview of ESER 2014 Scope and Budget
$397M

- Office of the Chief Medical Examiner: $67.5M
- Traffic Company & Forensic Services…: $163.3M
- Police Facilities: $29.6M
- Neighborhood Fire Station: $80.3M
- Emergency Firefighting Water System: $54.3M
- Oversight, Accountability & Cost of…: $2.3M
- Public Works Program Reserve: $451K

Fire Station No. 5 – Completed April 29, 2019

Park Police Station – Shotcrete Shear Wall at South Elevation June 10, 2019
ESER Bond Program 2010 & 2014 | Executive Summary

I. Highlights and accomplishments
- Pump Station 2 construction continues.
- FS16 activated and operational in January 2019; final completion issued in June 2019
- FS5 activated and operational in April 2019
- FS35 BCDC permit issued; began fabrication of float
- TCFSD 50% CD issued May 2019; foundation and superstructure building permit approved; sub procurement underway

II. Upcoming milestones
- FS5 final completion and contract closeout
- FS16 contract closeout
- FS35 begin demolition activities at Pier 22 ½ in September 2019
- TCFSD 90%/95% CD due August 2019; begin indicator pile program in late August 2019; begin new construction in September 2019

III. Highlights and accomplishments
- City has issued six bond sales for ESER 2010 totaling $412.3M; $415M has been appropriated, inclusive of interest‐earned. Additional interest earned of $500K is expected.
- City has issued three bond sales, and appropriated a total of $397M, for ESER 2014.

IV. Risks, issues or concerns on budget, scope or schedules
On-going challenging bid environment affects:
- Very active marketplace produces scarcity of labor resulting in fewer bidders/less competition and increased costs, i.e. 10% upcharge for market conditions and responsiveness of trades to schedule
- Original bond budgets that prove insufficient that impact the project scope
- Precise reporting is unavailable for City staff labor charges
Public Safety Building (PSB 2010 – $230.5M*)

Recent accomplishments
• Estimated savings is $7.2M (currently in project balance, to be realized post financial closeout).

Upcoming milestones
• Financial closeout is underway; project savings will be reallocated to ESER2010 reserve in Q1 FY2020.

Budget status

*Estimated final project budget/cost $230.5M; current appropriation is $236M.

Budget allocation

$186.7M 82%
$43.8M 19%

Construction
Project Control

Current Phase: Closeout
Completion Date: February 2016
Neighborhood Fire Stations (NFS 2010 – $66.9M)

Recent accomplishments

• FS 16 – Final completion achieved on 6/7/19
• FS 5 – Substantial completion achieved on 4/26/19; SFFD moved-in and reactivated station on 4/30/19; ribbon cutting ceremony on 5/1/19
• FS 14 Generator – CEQA Cat Ex on 12/18/18; Completion of CDs underway
• App Bay Doors Pkg 6 (7 FSs) – JOC Work Order #1 to National Garage Door issued for FS 8, 28 & 29 on 6/24/19; JOC kick off meeting on 7/11/19

Upcoming milestones

• FS 16 – Issue final payment to contractor; begin financial closeout
• FS 5 – Final completion in late July 2019; issue final payment to contractor; begin financial closeout
• FS 14 Generator – Anticipated submittal to DBI for permit in fall 2019
• App Bay Doors JOC No. 45 (10 FSs) – Anticipated mobilization to install in late 2019

Budget status

Current Phase: Various
Completion Date: December 2019
Neighborhood Fire Stations (NFS 2014 – $80.3M)

Recent accomplishments

- **FS 31 Generator** – Awarded $219K contract to (LBE)BBJ Electric on 6/13/19
- **App Bay Doors JOC No. 46 (16 FSs)** – JOC Master Contract executed with Byron Epp Inc on 5/31/19. JOC Work Orders issued for 16 stations
- **Showers (FS 17, 19 33)** 90% complete
- **Fireboat Station 35** – BCDC approved permit on 4/18/19; Port Commission approved new PORT/FIR MOU on 5/28/19, predecessor to Port permits

Upcoming milestones

- **FS 31 Generator** – NTP in August 2019
- **FS 2 Generator** – Permit issued by DBI August 2019
- **FS 19 Generator** – Permit issued by DBI Fall 2019
- **App Bay Doors JOC No. 46 (16 FSs)** – Procurement of materials to commence in Fall 2019
- **Showers Pkg 2 (FS 17, 19, 33)** – Substantial completion early August 2019
- **Exterior Envelope Pkg 1 (FS 8, 20, 23, 29)** – Work to begin at FS 8 and FS 29 in Summer/Fall 2019;
- **Fireboat Station 35** – Begin demolition activities at Pier 22 ½ September 2019; float arrive at Pier 1, Treasure Island in FY19-20 Q3
- **Pier 26 Fireboat Berths** – Final completion delayed to October 2019, due to PG&E

Budget status

Current Phase: Various
Completion Date: December 2020
Emergency Firefighting Water System (EFWS 2010 – $102.4M)

Recent accomplishments
• Pumping Station 2 – Construction continues

Upcoming milestones
• Pumping Station 2 – Final completion anticipated in April 2020

Budget status

Current Phase: Various
Completion Date: December 2020

Budget allocation | 80 Projects*

*Combined ESER 2010 & 2014 projects’ status
Emergency Firefighting Water System (EFWS 2014 – $54.3M)

Recent accomplishments
• Irving Street Pipeline – Construction completed in March 2019
• Ashbury Bypass Pipeline & Mariposa/Terry Francois Pipeline – Construction continued

Budget status

Upcoming milestones
• Ashbury Bypass Pipeline – Substantial completion anticipated in July 2019
• 19th Avenue Pipeline – Advertise in February 2020
• Clarendon Supply Pipeline – Advertise in August 2019
• Terry Francois/Mission Rock – Advertise in August 2019

Budget allocation | 80 Projects*

*Combined ESER 2010 & 2014 projects’ status

Current Phase: Various
Completion Date: December 2020
Police Facilities  
(PF 2014 – $29.6M)

Recent accomplishments

- **Northern, Richmond, Taraval Renovations** – New generator, fuel tank, and supply fan installed at Richmond, pending fire marshal and DBI final inspection
- **Park & Ingleside Renovations** – New generators and fuel tank installed; new chiller at Park installed
- **MEP Pkg 2 (Bayview & Tenderloin)** – Storm/sewer system upgrade completed at Tenderloin; new concrete ramp at Tenderloin poured; generator permit approved by DBI

Upcoming milestones

- **Northern, Richmond, Taraval Renovations** – Achieve substantial completion in April 2019
- **Park and Ingleside Station** – Structural work at Park Station to be completed in June/July 2019
- **MEP Pkg 2 (Bayview & Tenderloin)** – New chiller and AHU to be installed at Bayview in April / May 2019; new generators to be installed in Q3 2019.

Budget status

- **$29.6M**
  - Actuals
  - Encumbrances
  - Remaining Balance
  - Future Bond Sale

Budget allocation

- **15 total projects**
  - (12 locations)

Current Phase: **Construction**
Completion Date: **July 2019**
Office of the Chief Medical Examiner  
(OCME 2014 – $67.5M)

Recent accomplishments
• N/A

Upcoming milestones
• Final payment to executive architect in process
• LEED Gold certification from USGBC

Current Phase: Closeout  
Completion Date: March 2018

Budget status

- Actuals: $67.5M
- Encumbrances: $6.4M
- Remaining Balance
- Future Bond Sale

Budget allocation

- Construction: $14.7M (22%)
- Project Control: $1.4M (2%)
- Other: $51.4M (76%)

San Francisco Public Works
Traffic Company & Forensic Services Division (TCFSD 2014 – $163.3M*)

Recent accomplishments
• 50% CD issued in May 2019
• Bids received for the following trades: glazing and Metal Panels, Plumbing, HVAC, Electrical, low-voltage, fire protection, deep foundations, and structural steel

Upcoming milestones
• Groundbreaking Ceremony in August 2019
• Grading to begin on August 12, 2019; indicator pile program to follow
• 95% Construction Documents due in late-August 2019
• RFP for remaining trades to be advertised in early September 2019
• SFAC Civic Design Review Phase 3

Budget status

- $34.7B
- $6.9B
- $121.6B
- $150B Millions

- Actuals
- Encumbrances
- Remaining Balance
- Future Bond Sale

Budget allocation

- Construction: $117M (72%)
- Project Control: $29.4M (18%)
- Site Control: $15.3M (10%)
- Reserve: $15.3M

Additional Funding Sources:
Project is in funding deficit of $17.3M – following are sources:
- ESER2010 Interest: $500K
- ESER2010 PSB savings: $7.2M
- ESER2014 Estimated COI Savings: $1M (*Current appropriation includes est. COI savings)
- Deferred Projects: $8.645M

*Includes estimated COI savings
### ESER 2010: As of June 2019

<table>
<thead>
<tr>
<th>Bond Components and Projects</th>
<th>Bond Authorized Amount</th>
<th>Revised Budget (ii)</th>
<th>Appropriations</th>
<th>Expenditures</th>
<th>Encumbrances</th>
<th>Balances</th>
<th>Expenditures/Appropriations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Safety Building (PSB) (iii)</td>
<td>239,000,000</td>
<td>236,661,975</td>
<td>236,661,975</td>
<td>228,861,444</td>
<td>0</td>
<td>7,800,531</td>
<td>97%</td>
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<tr>
<td>Neighborhood Fire Stations (NFS)</td>
<td>64,000,000</td>
<td>66,906,313</td>
<td>66,906,313</td>
<td>64,669,710</td>
<td>661,273</td>
<td>1,575,329</td>
<td>97%</td>
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<tr>
<td>Auxiliary Water Supply System (AWSS)</td>
<td>102,400,000</td>
<td>102,400,001</td>
<td>102,400,001</td>
<td>86,546,077</td>
<td>11,504,576</td>
<td>4,349,348</td>
<td>85%</td>
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<tr>
<td>Oversight, Accountability &amp; Cost of Issuance</td>
<td>6,900,000</td>
<td>2,545,864</td>
<td>2,545,864</td>
<td>2,022,299</td>
<td>0</td>
<td>523,564</td>
<td>79%</td>
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<tr>
<td>Public Works Program Reserve</td>
<td></td>
<td>2,443,743</td>
<td>2,443,743</td>
<td>2,443,743</td>
<td>0</td>
<td>2,443,743</td>
<td>0%</td>
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<tr>
<td>Appropriated Unallocated Interest</td>
<td></td>
<td>4,415,033</td>
<td>4,415,033</td>
<td>4,415,033</td>
<td>0</td>
<td>4,415,033</td>
<td>0%</td>
</tr>
<tr>
<td><strong>TOTAL (i)</strong></td>
<td><strong>412,300,000</strong></td>
<td><strong>415,372,929</strong></td>
<td><strong>415,372,929</strong></td>
<td><strong>382,099,530</strong></td>
<td><strong>12,165,849</strong></td>
<td><strong>21,107,549</strong></td>
<td><strong>92%</strong></td>
</tr>
</tbody>
</table>

(i) PeopleSoft financial data thru Q4 FY2019
(ii) Revised budgets based on PeopleSoft appropriations; data subject to change per clean-up efforts
(iii) Estimated savings included in project balance; project financial close out in process
**Attachment 1 | Budget Status and Financial Plan (ESER 2014)**

**ESER2014: As of June 2019**

<table>
<thead>
<tr>
<th>Bond Components and Projects</th>
<th>Bond Authorized Amount</th>
<th>Revised Budget (ii)</th>
<th>Appropriations</th>
<th>Expenditures</th>
<th>Encumbrances</th>
<th>Balances</th>
<th>Expenditures/Appropriations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Office of the Chief Medical Examiner (OCME)</td>
<td>63,895,000</td>
<td>67,533,024</td>
<td>67,533,024</td>
<td>67,360,642</td>
<td>407,879</td>
<td>-235,498</td>
<td>100%</td>
</tr>
<tr>
<td>Traffic Company &amp; Forensic Services Division (TC/FSD)</td>
<td>162,195,000</td>
<td>163,375,150</td>
<td>163,375,150</td>
<td>34,777,914</td>
<td>6,989,096</td>
<td>121,608,140</td>
<td>21%</td>
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<tr>
<td>Police Facilities (PF)</td>
<td>29,490,000</td>
<td>29,645,661</td>
<td>29,645,661</td>
<td>20,443,902</td>
<td>3,330,620</td>
<td>5,871,139</td>
<td>69%</td>
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<tr>
<td>Neighborhood Fire Station (NFS)</td>
<td>83,555,000</td>
<td>80,351,381</td>
<td>80,351,381</td>
<td>26,018,021</td>
<td>23,502,862</td>
<td>30,830,498</td>
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<td>Emergency Firefighting Water System (EFWS)</td>
<td>54,065,000</td>
<td>54,347,209</td>
<td>54,347,209</td>
<td>22,691,543</td>
<td>7,835,177</td>
<td>23,820,489</td>
<td>42%</td>
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<tr>
<td>Oversight, Accountability &amp; Cost of Issuance</td>
<td>6,800,000</td>
<td>2,284,545</td>
<td>2,284,545</td>
<td>60,194</td>
<td>0</td>
<td>2,224,351</td>
<td>3%</td>
</tr>
<tr>
<td>Public Works Program Reserve</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL (i)</strong></td>
<td><strong>400,000,000</strong></td>
<td><strong>397,988,157</strong></td>
<td><strong>397,988,157</strong></td>
<td><strong>171,352,215</strong></td>
<td><strong>42,065,635</strong></td>
<td><strong>184,570,307</strong></td>
<td><strong>43%</strong></td>
</tr>
</tbody>
</table>

(i) PeopleSoft financial data thru Q4 FY2019  
(ii) Revised budgets based on PeopleSoft appropriations; data subject to change per clean-up efforts
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 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.