



# Earthquake Safety and Emergency Response Bond Program 2010

## Accountability Report November 16, 2015

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### Public Safety Building



Grand Opening April 16, 2015

Prepared for the

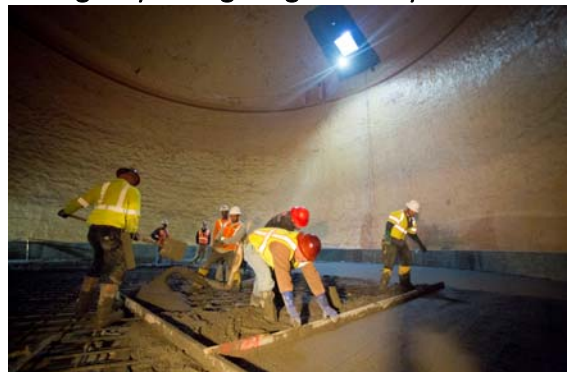
- Clerk of the Board
- Controller
- Director of Public Finance
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- Budget Analyst

### Neighborhood Fire Stations



Station 16

### Emergency Firefighting Water System



Jones Street Tank

Submitted by  
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Program Manager

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## EXECUTIVE SUMMARY

The Earthquake Safety and Emergency Response Bond Program 2010 (ESER 2010) has three components: the Public Safety Building (PSB), the Neighborhood Fire Stations and Support Facilities (NFS), and Auxiliary Water Supply System (AWSS), with a combined budget of \$412,300,000. San Francisco Public Works (SFPW) is responsible for managing the PSB and NFS components and San Francisco Public Utilities Commission (SFPUC) for managing the AWSS component. Public Works will be requesting approval for a sixth bond sale and corresponding appropriation in the amount of \$25,215,000, which includes cost of issuance, accountability and GOBOC costs. The sixth and final bond sale in this series would increase the authorized appropriation from \$387,085,000 to \$412,300,000.

The Controller's Office of Public Finance estimates a savings of \$2,553,253 from the cost of issuance as result of partnering bond sales with other bond programs. The savings may be allocated to Budget and Finance Committee Reserve and may be reallocated to either the NFS or the AWSS component.

The ESER Bond Program has received proceeds from five prior bond sales totaling \$387,085,000. In addition, Public Works received funds for component projects from three other funding sources, increasing the total appropriation amount to \$407,472,083. The following table provides a summary of the previous bond sale appropriations per component as well as the planned allocation for the sixth bond sale.

<b>ESER 2010</b>	<b>Budget</b>	<b>Current Appropriation</b>	<b>Sixth Bond Sale</b>
Public Safety Building	236,661,975	236,661,975	0
Neighborhood Fire Stations (NFS)	64,000,000	42,101,485	21,898,515
Auxiliary Water Supply System (AWSS)	102,400,000	102,400,000	0
Oversight, Accountability & Cost of Issuance	6,900,000	3,583,515	763,232
Controller's Reserve	2,338,025	2,338,025	2,553,253
<b>Total (CESER1)</b>	<b>412,300,000</b>	<b>387,085,000</b>	<b>25,215,000</b>
<b>Fire Facility Bond Funds (FY 12/13 AAO 164-12)</b>			
<b>Neighborhood Fire Stations</b>			
7424A Fire Boat/ Fire Station No. 35	7,151,723	7,151,723	0
7433A Fire Boat/Fire Station No. 35 Slab Repair (CFCBLDFD33/3CFPSLOC)	398,277	398,277	0
7433A Fire Boat/Fire Station No. 35 Slab Repair (CFC918 000298)	38,696	38,696	0
7444A FF&E Fire Station #1 (CFCBLDFD44/3CFPSLOC)	722,000	722,000	0
<b>Total (CFCBLDFD)</b>	<b>8,310,696</b>	<b>8,310,696</b>	<b>0</b>
<b>Public Safety Building FF&amp;E</b>			
7410A Public Safety Building	5,721,909	5,721,909	0
<b>Total (1GAGFACP)</b>	<b>5,721,909</b>	<b>5,721,909</b>	<b>0</b>
<b>Public Safety Building Developer Contribution</b>			
7410A Public Safety Building	6,354,478	6,354,478	0
<b>Total (1GAGFACP)</b>	<b>6,354,478</b>	<b>6,354,478</b>	<b>0</b>
<b>Combined Total (ESER+Fire Facility Funds+7410A FF&amp;E)</b>	<b>432,687,083</b>	<b>407,472,083</b>	<b>25,215,000</b>

- (1) The 1992 Fire Facility Bonds are being used to fund the Station 35 Fire Boat House and two other non-ESER projects. Since Station 35 will be completed under ESER 2014, the accompanying funds will follow.
- (2) The City's General Fund was used to procure the furniture, fixtures and equipment (FF&E) for the Public Safety Building and Fire Station 4. The funding from the City's General fund was needed because FF&E is not a bond eligible expense.
- (3) Mission Bay Developer contribution towards the construction of the Southern Police Station and Station 4. Since the contribution exceeded the estimated amount by \$2,338,024, per Ordinance 60-15, the same amount was de-appropriated from the GOB funds and placed on Budget and Finance Committee Reserve.

The request for NFS of will provide funding to complete construction of Stations 5 and 16 and associated project controls such as project management, permits, construction management support services and construction administration. Both stations received Categorical Exemption Class 2 on January 23, 2013 and July 1, 2015 respectively.

Further detail and the status of each component are discussed in the following report.

Previous Accountability Reports are available on the Earthquake Safety and Emergency Response Bond website at <http://www.sfearthquakesafety.org/eser-reports.html>.

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## PROGRAM SUMMARY AND STATUS

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### PUBLIC SAFETY BUILDING



*Credit: Photo © Tim Griffith*

**Location:** Block 8 in the Mission Bay South Redevelopment Area. The block is bounded by Mission Rock, Third, and China Basin Streets.

**Project Description:** 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 will serve 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.

Both the Police Headquarters and the Southern District Police station are located at 850 Bryant also known as the Hall of Justice. This facility is over 50 years old and does not meet current seismic codes and requirements. In the event of a major earthquake, this building is not expected to be operational. The PSB provides a new venue for these two police elements that are part of a larger strategy to replace the Hall of Justice, established in the City's Capital Plan as the *Justice Facilities Improvement Program (JFIP)*.

**Project Background:** The functionality of the entire police department in the event of a major catastrophe relies on the ability of the police leadership within police command center headquarters to promptly and properly coordinate public safety services in the city. The district station plays an equally critical role in providing responsive public safety to residents of San Francisco in a timely manner. This station includes those working the front line that are the first to arrive at a crime scene, maintain the peace during difficult situations, assist in the investigation of criminal activity; provide support to other first responders including the Fire Department, the Medical Examiner and Crime Scene Investigation (CSI).

**Project Status:** Substantial Completion was achieved in April 2015, followed by subcontractor completion of punchlist work through September. Final completion is expected in November 2015, pending completion of the Emergency Radio Response Communication (ERRC) system and the Integrated Building Management System (IBMS).

Department of Technology connected the City fiber between PSB and CRS (critical radio site) on the week of September 8. Mission Bay Development Group (MBDG) has completed roadwork through Mission Rock Street to Terry Francois Blvd. Mission Rock Street will be open to the public once sidewalk and other sitework on Terry Francois Blvd. is complete.

**Schedule:**

Building Inauguration: April 16, 2015

Substantial Completion: April 28, 2015

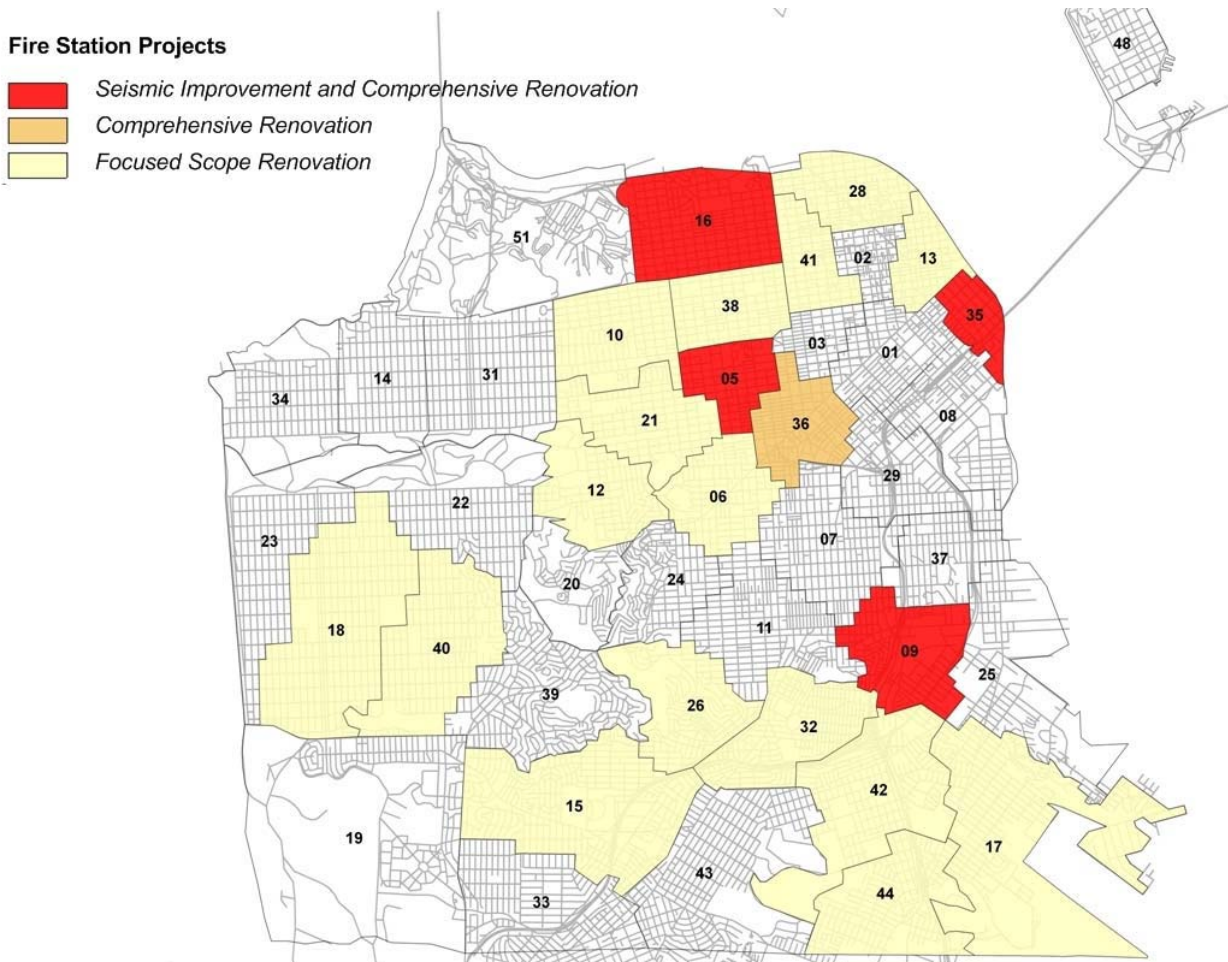
Final Completion: October/November 2015.

First Day of Business: Police and Fire Stations: March 30, 2015

First Day of Business: Police Headquarters: April 13, 2015

**Project Budget:** Refer to the Budget, Funding and Expenditures section for detailed information.

## NEIGHBORHOOD FIRE STATIONS & SUPPORT FACILITIES



**Project Description:** The ESER 2010 bond will renovate or replace selected fire stations to provide improved safety and a healthy work environment for the firefighters. The selected stations are determined according to their importance for achieving the most effective delivery of fire suppression and emergency medical services possible.

**Project Background:** Many of the 42 San Francisco Fire Stations have structural, seismic, and other deficiencies. Some may not be operational after a large earthquake or disaster; threatening the ability of the firefighters to respond to an emergency. In addition, there are other fire department resources that support and augment the capacity of the department to provide effective fire suppression capability.

Prior to approval of the bond program, the majority of the City's fire stations and support facilities were assessed for their respective condition and to identify vulnerabilities or deficiencies that could compromise their essential role as deployment venues for first responders.

For planning purposes, the assessment reports were reviewed by cost estimators who prepared estimates of the cost of correcting the conditions noted in the assessments. The cost estimates indicate only the overall “order of magnitude” of the various facility deficiencies and relative proportions of various types of work.

Preliminary assessment of the Neighborhood Fire Stations (NFS) indicate that the sum of all existing deficiencies would require a budget exceeding \$350 million to correct, significantly more funds than are available for such purposes in this bond. Therefore, additional detailed planning is required to focus the expenditures of this bond towards the most beneficial and cost effective immediate rehabilitation and/or improvement projects.

The ESER 2010 bond NFS program identified improvements to 16 of the 42 neighborhood fire stations, and the Station #35 Fire Boat. Preliminary scoping of improvements for the Bureau of Equipment (currently at 2501 25<sup>th</sup> Street) and the Emergency Medical Services and Arson Task Force at 1415 Evans yielded the conclusion that these last two facilities are not within the capacity of the current bond program to provide meaningful improvement and must rely on a subsequent bond to address. The Arson Task Force is being relocated to the rehabilitated Fire Station 30 as part of the City’s new Public Safety Building. Station #35 Fire Boat will be completed under the ESER 2014 bond program.

Public Works architectural and engineering staff will typically provide the services for all projects unless otherwise noted.

**Project Status:**

Seismic Projects: Stations #16 and #5

Conceptual design began on Fire Stations #5 and #16 replacement projects on April 16, 2012.

Station #16:



NW Greenwich Street



SE Pixley Street

Design services are being provided by Public Works BDC/IDC and as-needed civil engineering and electrical consultants. Site permit was issued on February 12, 2015. Construction



Documentation was placed on hold due to appeals. Board of (Permit) Appeals Hearing on June 24 denied two appeals to issuance of Site Permit to erect. CEQA Appeal Hearing was held on May 19, and the Board of Supervisors unanimously upheld Planning's decision to classify the project for Categorical Exemption. The design team resumed development of the construction documents and is on-track to submit the building addendum in October 2015, to incorporate modifications to the interior configuration. Four general contractor firms were pre-qualified to bid.

Station #5:



Design services are being provided by Public Works BDC/IDC through the concept phase.

The SFFD approved the two story, two truck development option on November 15, 2012. The Project Review Application was submitted to City Planning as scheduled on December 6, 2012. Categorical Exemption was issued on July 1, 2015. 50% Design Development was completed in March, followed by Civic Design Review Phase II approval on April 20, 2015. 100% Design Development was completed in July.

Station #35 Fire Boat Replacement:

Design services are being provided by Public Works BDC/IDC and as-needed engineering team. An RFQ for this multi-disciplinary engineering consultant team was issued in September with an expected NTP in December 2015. Public Works IDC has expressed interest in providing the structural design for building above substructure (e.g. pier or barge) but has not confirmed staff capacity and capability. As stated earlier, this project will be completed under ESER 2014. The development costs, such as the Environmental Impact Report and pre-design costs will remain under ESER 2010.

Programming and review of regulatory requirements are underway, including meetings with Port and SF Planning in preparation for a re-engagement with the Bay Conservation and Development Commission (BCDC).

Equipment Logistics Center (ELC):

The ELC project was identified as a project after the passage of the bond – it was suggested to combine the Bureau of Equipment (BOE) and Emergency Medical Services (EMS). In this configuration, the sum total of functional program area makes it infeasible for it to occur at the current EMS location at 1415 Evans; more significantly, the budget for such a project is not available within the NFS funding.

In lieu of this project, the SFFD had requested that a smaller facility, dedicated to the storage of essential material, be considered at the lot behind Station 9. As a result of the proposed Department of Public Health (DPH) Bond in June 2016, which includes a new EMS facility to be located at the rear of Station 9, it was decided not to proceed with storage facility.

Comprehensive Projects: Station #36 and #44



Station #36



Station #44

Design services are being provided by Paulett Taggart Architects through Public Works-BDC's as-needed consultant contracting program for Station #36. Station #36 is substantially complete. Public Works is performing post-occupancy construction for SFFD.

The Contractor completed work on Station #44 on May 16, 2014.

Focused Scope Projects:

Roof, Window, Mechanical, and Exterior scopes of work are complete.

Emergency Generator Replacement – 5 Stations



Station #17 Emergency Generator Replacement –  
A supplemental task order to modify the tank size at Station #17 has been reviewed and approved by the City. SFFD has directed Public Works to furnish a temporary generator to provide backup power in case of power outage for the duration of work.

Shower Reconstruction – 9 Stations



7432A Showers – Package 3 Station 26

Project reached substantial completion in September and final completion is expected in October per latest approved schedule. Close out process, including the preparation of construction documents, is underway.

**Historic Evaluation:** Historic evaluation site visits were completed at 21 stations (14 Focused Scope/Alternate stations; 6 Seismic/Comprehensive stations; and the Station #35 Fire Boat). For further detail concerning the historic evaluation of these stations, refer to previous Accountability Reports.

**Project Schedule:** SFFD evaluated project scope and program budget options prepared by Public Works. Next step will be development of the baseline project schedule, which was published in the December report. For a copy of the Project Schedule, refer to following page.

**Project Budget:** Refer to the Budget, Funding and Expenditures section for detailed information.

# EMERGENCY FIREFIGHTING WATER SYSTEM (Auxiliary Water Supply System (AWSS))



Dorchester Way & Ulloa Street cistern



Jones Street Tank, new piping and walkway



Pumping Station 1, new ventilation equipment with  
new engine exhausts in background



Twin Peaks Reservoir Joint Sealant



AWSS: New architectural roof over Ashbury Heights Tank

**Program Background:** The Emergency Firefighting Water System delivers high-pressure water and provides 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.

**Status:**

**Planning and Design**

1. Clarendon Supply – Provide a new AWSS water supply near the crest of Clarendon Avenue (approximately 500' northwest of Sutro Tower). Design completion 6/2016.
2. Fireboat Manifolds – Renovate the fireboat manifolds and piping at Piers 1 (Fort Mason) and 33 (The Embarcadero), and relocate the manifold at Fort Mason. Design completion 5/2016.
3. Fourth Street Pipeline – This project has been cancelled because it is no longer hydraulically needed.
4. Pipeline Investigation and Remediation – Assess the 135-mile AWSS pipeline network condition using field investigations and probabilistic analysis. Recommend a long-term pipeline repair, replacement, and abandonment capital plan. Planning completion 2017.
5. Pumping Station 2 – Improve the seismic performance of the building structure. Design completion 12/2015.

6. Street Valve Motorization – Motorize street valves on AWSS pipelines for better water flow control. Design completion 10/2015.

**Construction**

1. Ashbury Heights Tank – Install new tank and piping. Substantially complete.
2. Cisterns – see following table.
3. Control System – Improve the AWSS control and telecommunications systems. Services are being procured to implement hardware and software improvements. Schedule pending.
4. Jones Street Tank – Install new tank foundation and piping. Completion 11/2015.
5. Jones Street Tank Valve Motorization – Motorize valves to control flow between pressure zones. Completion 11/2015.
6. Pumping Station 1 – Install new diesel engines for seawater pumps. Completion 5/2016.
7. Pumping Station 1 Tunnel – Improve the seismic performance of the Pumping Station 1 seawater tunnel by installing resilient inserts and repairing minor concrete spalling and exposed reinforcing steel. Some of the planned improvements need to wait until obstructing piles are removed from the mouth of the tunnel; otherwise, completion 2017.
8. Twin Peaks Reservoir – Repair concrete and install new piping. Completion 11/2015.

**Completed**

1. Cisterns A – Contract WD-2695 accepted 2/24/2015. Final contract amount \$3,913,761.

**Cisterns**

Cisterns B and C contracts are substantially completed. Construction is occurring for Cisterns D contract. Notice-to-proceed was issued for Cisterns E contract. Cisterns F contract was advertised for bidding. Seventeen of the thirty planned cisterns have been constructed.

Contract	#	Location	Bidding	Construction Pending	Constructing	Completed	Contract Schedule
Cisterns B (WD-2696)	1	Cashmere St., Hudson Ave.				✓	Substantially Complete
	2	Colby St., Silver Ave.				✓	
	3	Geneva Ave., Moscow St.				✓	
	4	Geneva Ave., Paris St.				✓	
	5	Holyoke St., Silliman St.				✓	
Cisterns C (WD-2697)	1	18th Ave., Ulloa St.				✓	Substantially Complete
	2	21st Ave., Ocean Ave.				✓	
	3	Funston Ave., Geary Blvd.				✓	
	4	St. Elmo Way, Yerba Buena Ave.				✓	
	5	St. Francis Blvd., San Buenaventura Way				✓	
Cisterns D (WD-2745)	1	Amber Dr., Duncan St.			✓		Substantial Completion March 2016
	2	Casitas Ave., Lansdale Ave.			✓		
	3	Diamond Heights Blvd., Duncan St.			✓		
	4	Dorchester Way, Ulloa St.			✓		
	5	Folsom St., Ripley St.				✓	
Cisterns E (WD-2746)	1	16th Ave., Vicente St.		✓			Substantial Completion November 2016
	2	17th Ave., Pacheco St.		✓			
	3	18th Ave., Moraga St.		✓			
	4	18th Ave., Santiago St.		✓			
	5	Laguna Honda Hospital		✓			
Cisterns F (WD-2747)	1	5th Ave., Cabrillo St.	✓				Substantial Completion March 2017
	2	6th Ave., California St.	✓				
	3	30th Ave., Lake St.	✓				
	4	Apollo St., Williams Ave.	✓				

**Project Budget:** Refer to the Budget, Funding and Expenditures section for detailed information.



## BUDGET, FUNDING & EXPENDITURES

**Budget and Funding:** The ESER Bond Program has received proceeds from five prior bond sales totaling \$387,085,000. In addition, Public Works received funds for component projects from three other funding sources, increasing the total appropriation amount to \$407,472,083. As indicated in the Executive Summary, Public Works is requesting approval for a sixth bond sale and corresponding appropriation in the amount of \$25,215,000, which includes cost of issuance, accountability and GOBOC costs. The sixth and final bond sale in this series would increase the authorized appropriation from \$387,085,000 to \$412,300,000.

The Controller's Office of Public Finance estimates a savings of \$2,553,253 from the cost of issuance as result of partnering bond sales with other bond programs. The savings may be allocated to Budget and Finance Committee Reserve and may be reallocated to either the NFS or the AWSS component.

The following table provides a summary of the previous bond sale appropriations per component as well as the planned allocation for the sixth bond sale.

	Budget	Current Appropriation	Sixth Bond Sale
<b>ESER 2010</b>			
Public Safety Building	236,661,975	236,661,975	0
Neighborhood Fire Stations (NFS)	64,000,000	42,101,485	21,898,515
Auxiliary Water Supply System (AWSS)	102,400,000	102,400,000	0
Oversight, Accountability & Cost of Issuance	6,900,000	3,583,515	763,232
Controller's Reserve	2,338,025	2,338,025	2,553,253
<b>Total (CESER1)</b>	<b>412,300,000</b>	<b>387,085,000</b>	<b>25,215,000</b>
<b>Fire Facility Bond Funds (FY 12/13 AAO 164-12)</b>			
<b>Neighborhood Fire Stations</b>			
7424A Fire Boat/ Fire Station No. 35	7,151,723	7,151,723	0
7433A Fire Boat/Fire Station No. 35 Slab Repair (CFCBLDFD33/3CFPSLOC)	398,277	398,277	0
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7444A FF&E Fire Station #1 (CFCBLDFD44/3CFPSLOC)	722,000	722,000	0
<b>Total (CFCBLDFD)</b>	<b>8,310,696</b>	<b>8,310,696</b>	<b>0</b>
<b>Public Safety Building FF&amp;E</b>			
7410A Public Safety Building	5,721,909	5,721,909	0
<b>Total (1GAGFACP)</b>	<b>5,721,909</b>	<b>5,721,909</b>	<b>0</b>
<b>Public Safety Building Developer Contribution</b>			
7410A Public Safety Building	6,354,478	6,354,478	0
<b>Total (1GAGFACP)</b>	<b>6,354,478</b>	<b>6,354,478</b>	<b>0</b>
<b>Combined Total (ESER+Fire Facility Funds+7410A FF&amp;E)</b>	<b>432,687,083</b>	<b>407,472,083</b>	<b>25,215,000</b>

The budget and appropriation for PSB is \$248,738,363 and it is funded by three funding sources:

1. ESER 2010: \$236,661,976. Under Ordinance 60-15 the appropriation was reduced by \$2,338,024 from \$239,000,000 to \$236,661,978. The \$2,338,024 was placed on Budget and Finance Committee Reserve pending future reallocation to an alternate ESER 2010 component.
2. General Fund: \$5,721,909 for future, fixtures and equipment.
3. Private Funds, Ordinance 60-15: \$6,354,478 for developer contribution and reimbursement for construction costs

The budget for NFS is \$72,310,696 and it is funded by three funding sources:

1. ESER 2010: \$64,000,000. The appropriation of \$42,101,485 reflects the proceeds of the first, second, fourth and fifth bond sales and is shown in detail under Attachment 1 – Program Budget Report. The sixth bond sale appropriating \$21,898,515 would be necessary to complete the funding for NFS.
2. Fire Facility Bond Funds: \$8,272,000. Per the Annual Appropriation Ordinance FY 12/13 (AAO 164-12), the Fire Department received authorization to appropriate \$8,272,000 to supplement Station #35 Fire Boat, a project under Neighborhood Fire Stations component, and two non-ESER related projects. The amount for Station #35 is \$7,151,723 and will be moved under the ESER 2014 once a budget revision is executed by the fourth quarter of 2015.
3. General fund: \$38,695.72 was used to supplement change orders for a non-ESER related project, the Station 35 slab repair.

The budget and appropriation for AWSS is \$102,400,000. The appropriation reflects the proceeds of the first, third, fourth and fifth bond sales and is shown in detail under Attachment 1 – Program Budget Report.

The budget for other costs such as the Controller’s Audit Fund, Citizens General Obligation Bond Oversight Committee, Cost of Issuance and Underwriters’ Discount is \$6,900,000. The appropriation of \$2,338,025 reflects the proceeds of the five bond sales and is shown in detail under Attachment 1 – Program Budget Report. As noted earlier, the Office of Public Finance estimates a savings of \$2,553,253 from the cost of issuance as result of partnering bond sales with other bond programs. The savings will likely be allocated on Budget and Finance Committee Reserve and may be reallocated to either the NFS or AWSS component.

The Accountability reports for the second thru fifth bond sales are available on the ESER website at <http://www.sfearthquakesafety.org/eser-2010-reports.html>.

**Expenditures and Encumbrances**

The ESER 2010 expenditures and encumbrances through September 30, 2015 are \$313,434,204 and \$24,520,214 respectively. The combined totals represent 88% of the appropriation of and 82% of the budget.

Refer to Attachment 1 – Budget Report for detailed budget and expenditures per component.

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## ACCOUNTABILITY MEASURES

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The ESER Bond Program has a comprehensive series of accountability measures including public oversight and reporting by the following governing bodies:

- The Citizens' General Obligation Bond Oversight Committee (CGOBOC) which reviews audits and report on the expenditures of bond proceeds in accordance with the expressed will of the voters. The San Francisco Public works has prepared four quarterly reports thus far and has presented in front of the City's Citizens' General Obligation Bond Oversight Committee (CGOBOC) twice. A program web-site, <http://sfearthquakesafety.org/>, has been developed that contains information about the Bond Program, status of each component, as well as copies of the Monthly Status Reports and the Quarterly CGOBOC Reports.
- Monthly meetings with the client departments, San Francisco Police Department and San Francisco Fire Department.
- MOUs have been drafted with each client department and are under consideration. Nonetheless, the terms and conditions are guiding the conduct of the inter-department relationships and the work.
- 60 days prior to the issuance of any portion of the bond authority, the Department of Public Works must submit a bond accountability report to the Clerk of the Board, the Controller, the Treasurer, the Director of Public Finance, and the Budget Analyst describing the current status of the Rebuild and whether it conforms to the expressed will of the voters. The report before you is intended to satisfy the reporting requirement.
- Two committees are established to review the Auxiliary Water Supply System work. These committees are the Management Oversight Committee, consisting of executive management from San Francisco Fire Department, Department of Public Works, and the San Francisco Public Utilities Commission, and the Technical Steering Committee, consisting of technical and operations managers from the same organizations.

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**ATTACHMENT 1 – PROGRAM BUDGET REPORT**

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**Earthquake Safety and  
Emergency Response Bond Program**

**Accountability Report  
November 16, 2015**

Earthquake Safety & Emergency Response Bond Program ESER 2010 Program Budget Report - Expenditures as of 09/30/15								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
<b>PUBLIC SAFETY BUILDING</b>								
CONSTRUCTION	<b>PUBLIC SAFETY BUILDING</b> (CESER1 PS; 7400A & 7410A )	Soft Costs	42,892,285	42,892,285		42,563,267	676,191	-347,173
		Construction	193,769,693	193,769,693		188,658,450	3,980,125	1,131,118
		Project Contingency	0	0		0	0	0
		<b>Subtotal</b>	<b>236,661,978</b>	<b>236,661,978</b>	<b>0</b>	<b>231,221,717</b>	<b>4,656,316</b>	<b>783,945</b>
<b>NEIGHBORHOOD FIRE STATIONS</b>								
VARIOUS	<b>FOCUSED SCOPE</b> (CESER1 FS 31, 32, 34, 35, 36, 37, 39) (Job Orders 7431A, 7432A, 7434A, 7435A, 7436A, 7437A, 7439A)	Soft Costs	2,936,538	2,323,338		2,425,126	1,541	-103,329
		Construction	9,190,145	8,257,018		8,059,547	176,248	21,223
		Construction Contingency	91,893	119,957				119,957
		<b>Subtotal</b>	<b>12,218,577</b>	<b>10,700,314</b>	<b>0</b>	<b>10,484,674</b>	<b>177,789</b>	<b>37,851</b>
PLANNING	<b>COMPREHENSIVE: STATION 44</b> (CESER1 FS38; Job Order 7438A)	Soft Costs	380,156	380,159		380,157	0	2
		Construction	1,187,109	1,000,813		1,000,813	0	0
		Construction Contingency	0	0		0	0	0
		<b>Subtotal</b>	<b>1,567,265</b>	<b>1,380,972</b>	<b>0</b>	<b>1,380,970</b>	<b>0</b>	<b>2</b>
PLANNING	<b>COMPREHENSIVE: STATION 36</b> (CESER1 FS27; Job Order 7427A)	Soft Costs	950,353	1,233,472		1,138,907	22,863	71,702
		Construction	3,462,077	4,241,546		4,077,372	164,173	1
		Construction Contingency	385,787	15,816		0	0	15,816
		<b>Subtotal</b>	<b>4,798,217</b>	<b>5,490,834</b>	<b>0</b>	<b>5,216,279</b>	<b>187,036</b>	<b>87,519</b>
PLANNING	<b>SEISMIC: STATION 5 (New 2-story)</b> (CESER1 FS40; Job Order 7440A)	Soft Costs	3,195,094	2,423,460		1,520,401	259,654	643,405
		Construction	10,313,908	2,649,178		0	0	2,649,178
		Construction Contingency	329,755	0		0	0	0
		<b>Subtotal</b>	<b>13,838,757</b>	<b>5,072,638</b>	<b>0</b>	<b>1,520,401</b>	<b>259,654</b>	<b>3,292,583</b>
PLANNING	<b>SEISMIC: STATION 9 UTILITY ISOLATION</b> (CESER1 FS41; Job Order 7441A)	Soft Costs	80,000	80,000		0	0	80,000
		Construction	96,000	96,000				96,000
		Construction Contingency	24,000	24,000				24,000
		<b>Subtotal</b>	<b>200,000</b>	<b>200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200,000</b>
PLANNING	<b>SEISMIC: STATION 16 (New 2-story)</b> (CESER1 FS42; Job Order 7442A)	Soft Costs	1,802,919	2,340,306		1,910,599	158,139	271,568
		Construction	6,421,770	17,841		17,841	0	0
		Construction Contingency	616,968	48,046		0	0	48,046
		<b>Subtotal</b>						

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Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
PLANNING	<b>NEW PIER FIRE BOAT HEADQUARTERS</b> (CESER1 FS24; Job Order 7424A)	Soft Costs	4,133,301	726,450		158,532	469,217	98,700
		Construction	4,903,309	0		0		0
		Project Contingency	956,525					
		<b>Subtotal</b>	<b>9,993,136</b>	<b>726,450</b>	<b>0</b>	<b>158,532</b>	<b>469,217</b>	<b>98,700</b>
PLANNING	<b>EQUIPMENT LOGISTICS CENTER</b> (CESER1 FS26; Job Order 7425A)	Soft Costs	589,000	17,680		8,179	0	9,501
		Construction						0
		Project Contingency						0
	<b>Subtotal</b>	<b>589,000</b>	<b>17,680</b>	<b>0</b>	<b>8,179</b>	<b>0</b>	<b>9,501</b>	
PLANNING	<b>PROGRAM-WIDE SOFT COSTS &amp; PROGRAM RESERVE</b> (CESER1 FS20; CESER1 FS30 Job Orders 7420A; 7429A, 7430A)	Soft Costs	11,217,709	9,122,510		8,568,000	416,358	138,153
		Construction						0
		Program Reserve	735,682					0
		<b>Subtotal</b>	<b>11,953,391</b>	<b>9,122,510</b>	<b>0</b>	<b>8,568,000</b>	<b>416,358</b>	<b>138,153</b>
PLANNING	<b>NEIGHBORHOOD FIRE STATIONS SUMMARY</b> (CESER1 FS)	Soft Costs	25,081,312	18,647,375	0	16,109,901	1,327,772	1,209,702
		Construction	35,574,318	16,262,397	0	13,155,574	340,421	2,766,402
		Project Contingency	3,344,369	207,819	0	0	0	207,819
		NFS GOB Proceeds	0	6,983,895		0	0	6,983,909
		<b>Subtotal</b>	<b>64,000,000</b>	<b>42,101,485</b>		<b>29,265,474</b>	<b>1,668,193</b>	<b>11,167,831</b>

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Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
<b>AUXILIARY WATER SUPPLY SYSTEM (AWSS)</b>								
<b>PRE-BOND PLANNING AND DEVELOPMENT</b>								
Program	<b>Pre-Bond Planning and Development</b>							
		Soft Costs	1,316,964	1,316,964		1,316,964	0	0
		Construction	0	0		0		0
		Project Contingency						0
		Subtotal	1,316,964	1,316,964	0	1,316,964	0	0
<b>AUXILIARY WATER SUPPLY SYSTEM (AWSS)</b>								
Construction	<b>Jones Street Tank</b>							
		Soft Costs	3,477,019	2,324,646		2,177,826	66,803	80,017
		Construction	4,225,034	4,285,103		3,684,570	422,751	177,782
		Project Contingency	389,445					0
		Subtotal	8,091,498	6,609,749	0	5,862,396	489,554	257,799
Construction	<b>Ashbury Heights Tank</b>							
		Soft Costs	1,511,329	1,259,434		1,214,849	109	44,476
		Construction	3,610,805	3,692,882		3,245,196	302,237	145,449
		Project Contingency	359,657					0
		Subtotal	5,481,791	4,952,316	0	4,460,045	302,346	189,925
Construction	<b>Twin Peaks Reservoir</b>							
		Soft Costs	1,335,194	1,176,261	0	1,167,021	0	9,240
		Construction	1,480,061	1,534,360		1,395,094	117,342	21,924
		Project Contingency	90,196					0
		Subtotal	2,905,451	2,710,621	0	2,562,115	117,342	31,164
Design	<b>Pump Station No. 2</b>							
		Soft Costs	3,985,020	4,049,990	0	3,469,292	135,555	445,143
		Construction	10,026,842	11,262,381		47,381	0	11,215,000
		Project Contingency						0
		Subtotal	14,011,862	15,312,371	0	3,516,673	135,555	11,660,143
Construction	<b>Pump Station No. 1</b>							
		Soft Costs	4,321,929	4,956,646	0	4,227,035	0	729,611
		Construction	8,631,700	7,618,577		1,625,832	5,931,909	60,836
		Project Contingency						0
		Subtotal	12,953,629	12,575,223	0	5,852,867	5,931,909	790,447



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Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
Complete	<b>FIREFIGHTING CISTERNS Contract No. 1</b>	Soft Costs	508,057	508,057		508,057	0	0
		Construction	0	0		0	0	0
		Project Contingency						0
		Subtotal	508,057	508,057	0	508,057	0	0
Construction	<b>New Cisterns</b>	Soft Costs	8,002,177	6,556,389	0	6,017,781	70,566	468,042
		Construction	26,687,886	29,336,285		14,498,928	8,969,024	5,868,333
		Project Contingency						0
		Subtotal	34,690,064	35,892,674	0	20,516,709	9,039,590	6,336,375
Complete	<b>Contract No. 3</b>	Soft Costs	50,718	50,718		50,718	0	0
		Construction	0	0		0	0	0
		Project Contingency						0
		Subtotal	50,718	50,718	0	50,718	0	0
Complete	<b>Contract No. 4</b>	Soft Costs	124,191	124,191		124,191	0	0
		Construction	0	0		0	0	0
		Project Contingency						0
		Subtotal	124,191	124,191	0	124,191	0	0

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Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
Planning	<b>FIREFIGHTING PIPES AND TUNNELS AWSS Modernization CIP Study</b>	Soft Costs	2,765,591	2,766,627		2,737,724	21,202	7,701
		Construction	0	0		0	0	0
		Project Contingency	0					0
		Subtotal	2,765,591	2,766,627	0	2,737,724	21,202	7,701
Various	<b>Pipes/Tunnels (Projects 11 thru 19)</b>	Soft Costs	7,367,599	5,479,173		3,163,729	814,440	1,501,004
		Construction	11,748,177	2,368,940		411,614	529,541	1,427,785
		Project Contingency						0
		Subtotal	19,115,776	7,848,113	0	3,575,343	1,343,981	2,928,789
n/a	<b>Contract No. 2</b> Added to baseline budget above-->	Soft Costs		0		0	0	0
		Construction						0
		Project Contingency						0
		Subtotal	0	0	0	0	0	0
n/a	<b>Contract No. 3</b> Added to baseline budget above-->	Soft Costs		0		0	0	0
		Construction						0
		Project Contingency						0
		Subtotal	0	0	0	0	0	0
Program	<b>CUW AWS 01</b>	Soft Costs	384,409	11,732,376	0	269,029	101,117	11,362,229
		Construction	0	0				0
		Project Contingency						0
		Subtotal	384,409	11,732,376	0	269,029	101,117	11,362,229
	<b>AUXILIARY WATER SUPPLY SYSTEM (AWSS)</b>	Soft Costs	35,150,197	42,301,472	0	26,444,216	1,209,792	14,647,463
		Construction	66,410,505	60,098,528		24,908,615	16,272,804	18,917,109
		Project Contingency	839,298	0	0	0	0	0
		Subtotal	102,400,000	102,400,000	0	51,352,831	17,482,596	33,564,572

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Earthquake Safety & Emergency Response Bond Program ESER 2010 Program Budget Report - Expenditures as of 09/30/15								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
<b>ESER</b>								
		Soft Costs	103,327,553	103,841,132	0	85,117,384	3,213,755	15,509,992
		Construction	295,754,517	277,114,527	0	226,722,639	20,593,350	29,798,538
		Project Contingency	3,979,907	207,819	0	0	0	207,819
		<b>Subtotal</b>	<b>403,061,977</b>	<b>381,163,477</b>	<b>0</b>	<b>311,840,023</b>	<b>23,807,105</b>	<b>45,516,349</b>
<b>BOND OVERSIGHT/ACCOUNTABILITY</b>			6,900,000	1,155,213		442,104	713,109	0
<b>BOND COST OF ISSUANCE</b>				1,202,346		1,152,077 <sup>(2)</sup>	0	50,269
<b>TOTAL ESER 2010 (CESER1)</b>			<b>409,961,977<sup>(3)</sup></b>	<b>383,521,036</b>	<b>0</b>	<b>313,434,204</b>	<b>24,520,214</b>	<b>45,566,618</b>

As of 10/01/15, the FAMIS fiscal month 03 2016 September 2015, actual expenditures are \$401,388,706. The variances from the report are as follows:

(1) The transfer out to PUC AWSS is shown as actual (0935W OTO TO 5W-WATER DE )		\$102,568,217
(a) less \$51,352,831 for actuals per FAMIS Project Structure CUW AWS AW as of 10/01/15.		(\$51,352,831)
(b) less \$27,096 for actuals Controller's Audit Fund (CUW AWS 081C4) and CGOBOC (CUW AWS 081GO) as of 09/10/15.		(\$27,096)
(2) Bond Sale Premiums:		
(a) The underwriters discount of \$211,953 was separated from the premium \$5,118,923	\$5,118,923	\$5,118,923
(b) Underwriters discount of \$211,953 is no longer being reported as a project cost	\$0	\$0
(c) The Second Bond Sale premium of \$16,898,267 (0934G)	\$16,898,268	\$16,898,268
(d) The Third Bond Sale premium of \$6,213,547 (0934G)	\$6,213,547	\$6,213,547
(e) The Fourth Bond Sale premium of \$2,606,055.70 (0934G)	\$2,606,056	\$2,606,056
(f) The Fifth Bond Sale premium of \$5,461,975.40 (0934G)	\$5,461,975	\$5,461,975
(3) Baseline budget shows \$2,338.024 which is under Master Project Controller's Reserve per Ordinance 60-15	2,338,024	
(4) Ordinance 60-15 Appropriation Developer Contribution and Reimbursement for PSB	6,354,478	467,460.00
(5) PSB Video Work Order	(53,000)	
<b>Total (CESER1)</b>	<b>\$428,459,290</b>	<b>\$401,388,723</b>

**ATTACHMENT 2 – CONTACT INFORMATION**

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