



Earthquake Safety and Emergency Response Bond Program (ESER 1)

- Public Safety Building
- Neighborhood Fire Stations & Support Facilities
- Auxiliary Water Supply System (AWSS)

Citizens General Obligation Bond Oversight Committee

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Submitted by

Charles Higuera
Program Manager

(415) 557-4646

charles.higuera@sfdpw.org

Additionally prepared by :

Samuel Chui
DPW Project Manager
Public Safety Building
samuel.chui@sfdpw.org
(415) 558-4082

Gabriella Judd Cirelli
DPW Project Manager
Neighborhood Fire Stations
gabriella.cirelli@sfdpw.org
(415) 557-4707

David Myerson
PUC Project Manager
AWSS
dmyerson@sfgwater.org
(415) 934-5710

Marisa Fernandez
DPW Sr. Admin. Analyst
marisa.fernandez@sfdpw.org
(415) 557-4653



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EXECUTIVE SUMMARY

The Earthquake Safety and Emergency Response (ESER1) Bond Program consists of three components: the **Public Safety Building**, the **Neighborhood Fire Stations & Support Facilities**, and the **Auxiliary Water Supply System (AWSS)**. The following is a summary of each component's status.

Public Safety Building

All foundation piles were driven at the end of August and the mud slab pour at the basement level was completed in September.

Construction Document for Bid Packages 10 for Public Safety Building and 11 (for Fire Station 30) were completed in July and September respectively, followed by design-construction coordination for various building components.

Neighborhood Fire Stations & Support Facilities

Seismic Projects: Fire Station #16, Fire Station #5, and Fire Boat Station #35

The Conceptual Design of Fire Station #16 prepared by DPW BDC/IDC was approved by the Fire Chief in September and will proceed to Schematic Design phase in October.

SFFD requested alternate design for Conceptual Design of Fire Station #5 to accommodate a second truck. Designs were presented to the Fire Chief in September and direction on how to proceed is anticipated in October.

The Project Review Application for Fire Boat Station #35 was submitted to City Planning in June and City Planning's response is scheduled at the end of October. Meeting with Supervisor Jane Kim was held in September to review the project and public outreach and a public Open House is scheduled for October 3. The Informational presentation to SF Port Commission was rescheduled from September to November in consideration of the presentation of the Warriors project to the Port Commission in October.

Comprehensive Projects: Station #36

The project is on budget and on schedule with 50% Design Development deliverable received in September and cost estimate is in progress. Project was submitted to Civic Design Review Committee for combined Phase I/II approval in September however the Committee lost quorum and review and approval is scheduled in October.

Focused Scope Projects

Roof replacement construction phase at Station #28 successfully achieved substantial completion in September. Bids for roof package 2R (Stations #2, #10, #13), package 3 (Stations #18, #40, #31) and package 4 (Stations #26, #32, #17, #15) were received in August and NTP is anticipated for roof packages 3 and 4 in early October. Package 2R bids received were over the budget; analysis of cause will follow and the project will be rebid in the spring.

Station 2 roof will be removed from Package 2R and will be bid through the JOC process in October.

DPW BBR is pricing exterior paint at 3 stations, #28, #41 and #49. Two (2) additional stations, #38 and #42 were bid to Micro LBE contractors; only 1 bid was received in September and it will be rebid. Bidding of remaining exterior paint projects at 11 additional stations will follow completion of roof construction.

Emergency generator implementation strategy was completed in September and design is moving forward at Station 6 as a prototype.

Auxiliary Water Supply System

Consultant AECOM/AGS JV continued work on Planning Support Services for the Auxiliary Water Supply System (AWSS). The consultant's draft project report is due by November 2012.

The Engineering Management Bureau (EMB) continued design work for Ashbury Tank, Jones Street Tank, Pumping Station 1, and Twin Peaks Reservoir. EMB continued Pumping Station 2 conceptual engineering work.

Design work continued for 16 candidate new cistern locations and for repair of existing cisterns.

Budget

The ESER has expended \$55,351,967 through September 2012. Out of the \$55,351,967, \$42,316,274 is for the Public Safety Building; \$5,474,832 is for the NFS; \$6,553,553 is for AWSS; and \$1,007,308 is for Bond Issuance Costs. The expenditures are consistent with our spend-down forecast and are within budget.

The proceeds of the first three bond sales totaling \$301,115,000 have been appropriated. The breakdown of the proceeds is discussed in the Budget, Funding Expenditures section of this report.

Other Information

For more information, visit the ESER web site at www.sfearthquakesafety.org.

PROGRAM SUMMARY AND STATUS

Public Safety Building



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) is meant to provide 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 will be retained and reused in a manner that preserves its historic integrity. The other components of the project will be 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 will provide a new venue for these two police elements that are a 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:

The Department of Building Inspection (DBI) and DPW continues to review the Superstructure Permit Addendum #3, a separate Building Permit application for Fire Station 30 was submitted in July 2012.

Project Schedule:

The date of project completion/occupancy of October 2014 remains true; refer to the Gantt chart in Attachment 2 for schedule detail.

Construction Activities:

- Completion of tie-back installation and soil-mix shoring walls at basement level.
- Completed pile-driving at basement level, followed by installation of pile cap plates and welded studs.
- Construction and review of curtainwall glazing and screen assembly mock-up.
- Concrete form, rebar placement, and pour completed at Level 1 grade beams, near Fire Station 30.
- Mud slab pour and finish and basement level, followed by subgrade waterproofing installation; reinforcement bar placement at pits; and protection slab pour.

The Trade package procurement process - pre-qualification, RFQ advertisement and application scoring, RFP issuance, pre-bid meetings, and bid openings – occurred for various scopes-of-work during this reporting period, including Coiling Doors and Grilles; CMU; HVAC Plumbing; HVAC; Electrical; Architectural Concrete; Framing, drywall, and insulation; Fire-proofing; Specialty doors; Roofing; Metal stairs and rail;

The Trade package procurement process - pre-qualification, RFQ advertisement schedules is as follows:

Trade	Tentative RFQ Issuance
Window Washing Equipment	RFP Issued
Structural Concrete	RFP Issued
Structural Steel	RFP Issued
Below Grade Waterproofing	RFP Issued
Manhoist	RFP Issued
Elevators	RFP Issued
Misc. Metals	RFP Issued

Trade	Tentative RFQ Issuance
Metal Stairs	RFP Issued
Plumbing	RFP Issued
HVAC	RFP Issued
Electrical	RFP Issued
Slabs on Metal Deck	RFP Issued
Fire Proofing	July 2012
Rough Carpentry	July 2012
Finished Carpentry	August 2012
Thermal Protection	July 2012
Architectural Concrete Walls	RFQ complete
Roofing	July 2012
Misc. Sheet Metal	July 2012
Doors, frames and hardware	July 2012
Specialty Doors	July 2012
Architectural Louvers	July 2012
Interior Glazing	August 2012
Ceramic Tiles	September 2012
Acoustical Ceilings	August 2012
Flooring	August 2012
Wall Coverings/Painting	September 2012
Equipments	August 2012
Utility Cabinet (Site) Relocation	August 2012
Landscaping	September 2012
Framing/Drywall/Plaster	July 2012
Site Barrier Equipment	November 2012
Fire Station #30	July 2012
CMU	TBD

Project Budget: Refer to the Budget, Funding and Expenditures on Page 13.

Neighborhood Fire Stations & Support Facilities

Project Description: The ESER 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 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.

A list of projects to be completed by the ESER bond was identified by DPW and the Fire Administration, and accepted by the Fire Commission at their meeting of September 23, 2010.

The ESER 1 bond program is anticipated to complete improvements to 16 of the 42 neighborhood fire stations, as well as the Fire Boat Station and the Equipment Logistics Center, which will consolidate the Bureau of Equipment (currently at 2501 25th Street) with the Emergency Medical Services and Arson Task Force at 1415 Evans. Direction was also provided for the preferred development of the Fire Boat Station and analysis of the feasibility for an Emergency Logistics Center (ELC). The approved slate of projects was presented to the SF Fire Commission on April 26, 2012.

Project Status:

SFFD evaluated project scope and program budget options prepared by DPW and approved on February 29, 2012 a final slate of Groups I, II and III projects to be completed as part of ESER I. Direction was also provided for the preferred development of the Fire Boat Station and analysis of the Emergency Logistics Center (ELC.) The approved slate of projects was presented to the SF Fire Commission on April 26, 2012. See summary table at the end of this section for project list and initial program budget. Developments of

baseline schedule and baseline budgets for these projects are nearly complete for SFFD approval.

Seismic Projects: Stations 16 and 5

Design services are being provided by DPW Building Design and Construction / Infrastructure Design Construction (BDC/IDC). Conceptual design began on Fire Stations #5 and #16 replacement projects on April 16, 2012. SFFD review proceeded as scheduled on June 1 (Station 16) and June 6 (Station 5), 2012. Conceptual design of Fire Stations #5 and #16 were completed in July. Cost estimation of final concept phase options was completed.

SFFD requested alternate options at Station 16 and at Station 5. DPW BDC / IDC completed these alternates as requested. Conceptual design of Fire Station #16 prepared by DPW BDC/IDC was approved by the Fire Chief on September 10, 2012. Schematic Design phase will proceed on October 8, 2012. SFFD requested alternate design elements for Conceptual design of Fire Station #5 to accommodate a second truck if necessary. Designs were presented to the Fire Chief on September 10, 2012 and direction is anticipated in October 2012.

Fire Boat Station 35:

Design services are being provided by DPW BDC / IDC. The Project Review Application for the Fire Boat Station #35 replacement projects was submitted to City Planning as scheduled on June 15, 2012. Follow up meeting with City Planning to review the Project Review Application for the Fire Boat Station #35 occurred as scheduled on September 13, 2012. City Planning response is scheduled for end October 2012. Informational presentation to SF Port Commission was scheduled for September 24, 2012. The Port rescheduled this presentation to November 13, 2012 in consideration of the scheduled presentation of the Warriors project to the Port Commission on October 23, 2012. A community Open House is scheduled for October 3, 2012.

The Fire Boat Station #35 slab replacement project completed as scheduled on June 20, 2012 in good time for the return of the fire engine to Station #35 as scheduled on July 1, 2012 per SFFD agreement with the Firefighter's Union. The Fire Boat Station slab replacement project punch list work began in mid July as scheduled. The contractor is DPW's JOC contractor, AzulWorks. In order to close this project permit, the Port is requiring modifications to the existing gas line installed under a previous project permit which remains open. Our slab replacement project will complete this work in October after the contractor submits an acceptable change order and DPW approves it.

ELC:

SFFD requested that 1415 Evans St. facility be included in the project list to receive exterior paint. DPW scoped this work in September 2012 and DPW BBR is pricing this work.

The cost estimate for the ELC program sited at the lot behind Station 9 was completed in February 2012. SFFD granted direction to proceed with alternative studies evaluating various and available project sites for a more cost effective solution.

Comprehensive Project: Station 36

Design services are being provided by DPW -BDC's on-call consultant, Paulett Taggart Architects. Schematic Design phase on Fire Station #36 comprehensive renovation was completed on schedule on July 16, 2012. SFFD reviewed and accepted the documents, providing minor comments. Cost estimation has been completed and the project is currently within budget. The 50% Design Development deliverable for Fire Station #36 comprehensive renovation was received on September 28, 2012. Project was presented to Civic Design Review Committee for combined Phase I/II approval on September 17, 2012 as scheduled. The Committee lost quorum before our presentation; the item was heard and no major comments were received from the 2 out of 3 members who heard the presentation. Approval is scheduled for the October 15, 2012 meeting.

Focused Scope Projects:

Design work on Groups I and II Focused Scope stations continues. Roof replacement construction phase at Station #28 began on August 7, 2012 and successfully achieved substantial completion on September 28, 2012 as scheduled. Roof designs for roof packages 2R, 3, and 4 (total of 10 stations) were amended to APP-type material (not SBS) system. Consulting CM performed constructability review in early July, and bids were received in August as scheduled. The apparent low bidder for package #3 (Stations 18, 40 and 31) is Western Roofing and the apparent low bidder for package #4 (Stations 26, 32, 17 and 15) is Pioneer Roofing. Both companies are located in San Francisco. NTP for both roof packages 3 and 4 is anticipated in early October. Package 2R bids received were over the budget by \$118K. Analysis of cause is underway, and the project will be rebid in spring 2013. One of the three stations included in package 2 is Station #2, and the condition of this station's roof warrants immediate attention. Accordingly, Station 2 roof will be removed from Package 2R and will be bid through the JOC process in October 2012.

Building exterior envelope packages for 15 Fire Stations will be bid in 6 packages. Packages 1 (Station #38) and 2 (Station #42) each for one fire station were bid to Micro LBE contractors as set-aside contracts. Despite diligent outreach to Micro LBE contractors, only 1 bid was received on September 26, 2012 and it far exceeded the budget. Analysis of cause is underway and the project will be rebid. Package 3 for two fire stations (#28 and #41) is being priced by DPW - BBR for in-house execution. BBR is also pricing Station #49 at the request of SFFD; this station was not included in the original list of stations to receive exterior paint. Pricing will be concluded in October 2012. The roofs at these 4 stations were previously completed and paint work can commence immediately upon award. Packages 4, 5, and 6 for 3 stations (#15, #32, and #40), 4 stations (#6, #10, #17 and #18), and 4 stations (#2, #13, #26, and #31) respectively will be bid to B license contractors. The paint bid packages will follow completion of the roof bid packages.

Shower reconstruction package 1 for Stations #15, #6, and #38 is underway. Construction began as scheduled at Station #15 on April 18, 2012. Contractor changed certain installation details without prior approval, and corrective work will necessitate additional fabricated materials. In mid September 2012 as scheduled, the manufacturer arrived at the site from out of state to resolve final details with the architect of record and the Fire Department. Material order for these corrective details will proceed in October 2012, with construction to follow upon receipt of the materials in late November or early December 2012. Station #15 must be successfully completed prior to commencing work at Station #6 and subsequently Station #38, both to be executed by DPW BBR.

Emergency generator implementation strategy was completed in September 2012. At SFFD direction, two different delivery methods are proceeding at one prototype station each method for analysis. At Station 6, DPW's as-needed consultant GHD is proceeding with full design services in the design-bid-build model. Design is scheduled to be completed in October 2012. At a second Station to be identified in October 2012, DPW IDC will proceed with design-build documents for construction by DPW BBR in-house forces. The two delivery methods will be analyzed for determination by which method the remaining stations will be completed.

Historic evaluation site visits were completed at 21 stations (14 Focused Scope / Alternate stations; 6 Seismic / Comprehensive stations; and the Fire Boat station.) On August 31, 2011 City Planning issued a memorandum outlining requirements of a Historic Resource Evaluation (HRE) of the 5 stations identified as potential historic resources: Stations #5, #31, #32, #36, and #44. The HRE report will assess potential impacts to both historic resources listed above, as well as to five stations identified as contributors to a potential 1952 Fire Bond Act Thematic Historic District, Stations #10, #15, #17, #38, and #41. The Historic evaluation of Station 16 was completed in February 2012.

The following table shows the preliminary and approved program budget and the approved approximate program scope. In addition, it shows that an additional \$8.272 million from previous bond programs will supplement the ESER1 budget for New Pier Fire Boat Headquarters and other scope of work not included in ESER1 such as the Fire Boat slab repair and the Fire Station No. 1 FF&E. The \$8.272 million will be appropriated through the Annual Appropriation Ordinance (AAO) FY 12/13.

**Earthquake Safety and
Emergency Response Bond Program**

**Citizens General Obligation
Bond Oversight Committee**

SCOPE OF WORK	PROGRAM BUDGET		FUNDING		
	Preliminary ¹	Approved by SFFD	ESER1 Bonds	Other Funds (3C FPS LOC)	Total
PRELIMINARY SCOPE OF WORK					
Focused Scope					
Group 1: Stations 6, 13, 28, 38, 41, 42					
Group 2: Stations 10 (Alt.), 15, 17, 18, 26 (Alt.), 32 (Alt.), 40, 44					
Group 2: Stations 2, 10, 15, 17, 18, 26, 31, 32, 40					
Station 44 (Closure)					
Generators Stations 12, 21					
Focused Scope Total	4,100,000	15,370,000	15,370,000		15,370,000
Comprehensive					
Station 2 (moved to Focused Scope)	4,000,000	0			
Station 31 (Alt.) (moved to Focused Scope)	0	0			
Station 36	3,000,000	4,100,000	4,100,000		4,100,000
Seismic					
Station 5 (New Station 2-story)	7,000,000	10,800,000	10,800,000		10,800,000
Station 22	5,000,000	0	0		0
Station 9 Utility Isolation	0	200,000	200,000		200,000
Station 16 (Seismic; New Station 2-story)	0	8,400,000	8,400,000		8,400,000
Station 43	9,000,000	0	0		0
New Pier Fire Boat Headquarters	20,000,000	27,170,000	19,541,000	7,629,000	27,170,000
Equipment Logistics Center	13,000,000	2,589,000²	2,589,000		2,589,000
Program Reserve		3,000,000	3,000,000		3,000,000
Cost of Finance, GOBOC, Audit		1,100,000	1,100,000		1,100,000
Fire Boat Slab Repair (Non-ESER1 related)		200,000		343,000	343,000
Fire Station 1 FF&E (Non-ESER1 related)		300,000³		300,000	300,000
ESER NFS PROGRAM BUDGET TOTAL	65,100,000	73,229,000⁴	65,100,000	8,272,000	73,372,000

¹Based on condition assessment not project scope or SFFD approved scope.

²The approved program budget is sufficient to conduct studies and to perform minor improvements to the site.

³For items not provided by Fire Station #1 replacement project.

⁴SFFD received that \$8.272M remaining in previous Fire Facility Bond funds supplement ESER1 funds.

Project Schedule: Per SFFD direction, the Assessment Review and cost estimates for the Group 3 facilities will be completed and reviewed for a holistic approval process for Group 1, 2, and 3 facilities. Next step is creation of the baseline schedule for SFFD approval. Included in this report are preliminary schedules for the approved slate of projects.

Project Budget:

Refer to the Budget, Funding and Expenditures on Page 13.

Auxiliary Water Supply System (AWSS)

Project Description: The Earthquake Safety and Emergency Response Bond will improve and seismically upgrade the cisterns and AWSS pipelines, tunnels, and physical plant.

Project Background: The AWSS is a stand-alone high-pressure fire-fighting water system that 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.

Project Status: Work is in the planning or design phase for cisterns, pipelines, tunnels, and physical plants, as follows.

Planning - Cisterns, Pipelines, and Tunnels

AECOM/AGS JV continued work on the Planning Support Services project. Project deliverables will define a preferred repair, improvement, and expansion strategy and a capital improvement program for the cisterns and AWSS pipelines, tunnels, and physical plants to increase fire-protection water delivery seismic reliability.

Work included reliability and hydraulic modeling to determine system performance and deficiencies, seawater tunnel observation, preparation of draft technical memoranda (Testing Methods, Seawater Tunnels), and definition of potential improvement projects. The consultant and city staff met with the Steering Committee on August 9 and September 12, the Technical Oversight Committee on August 7, and the Technical Advisory Panel on several occasions. The draft project report is due by November 2012.

Physical Plants

The Engineering Management Bureau (EMB) continued design work for Ashbury Tank, Jones Street Tank, Pumping Station 1, and Twin Peaks Reservoir. The estimated total project costs for Ashbury Heights Tank, Jones Street Tank, and Twin Peaks Reservoir are collectively approximately \$900,000 under budget. EMB also continued Pumping Station 2 conceptual engineering work. The estimated total project costs for Pumping Station 1 and Pumping Station 2 are expected to exceed the original budget due to the magnitude of work required to meet the ESER bond report intended scope of work. These costs will be reviewed with the Technical Oversight Committee and the Steering Committee during the next quarter.

Cisterns

Work for cistern repairs included determination that 12 reinforced-concrete cisterns require repair for leaks, with one additional cistern's repair needs to be determined after a pending investigation.

Design work continued for new cisterns. A categorical exemption was received for the first 16 new cisterns. 65% construction documents were submitted for review for 6 of those cisterns. The current contracting arrangements are shown in the following table.

Contract	#	Location	Nominal Volume (gallons)
New Cisterns A			
	1.	35th Ave, Irving St	75,000
	2.	36th Ave, Wawona St	75,000
	3.	37th Ave, Lawton St	75,000
	4.	37th Ave, Ortega St	75,000
	5.	37th Ave, Rivera St	75,000
	6.	37th Ave, Ulloa St	75,000
New Cisterns B			
	1.	Cashmere St, Hudson Ave	75,000
	2.	Geneva Ave, Moscow St	75,000
	3.	Geneva Ave, Paris St	75,000
	4.	Holyoke St, Silliman St	75,000
	5.	Silver Ave, Colby St	75,000
New Cisterns C			
	1.	18th Ave, Ulloa St	75,000
	2.	21st Ave, Ocean Ave	75,000
	3.	Funston Ave, Geary Blvd	75,000
	4.	San Buenaventura Way, St. Francis Blvd	75,000
	5.	Yerba Buena Ave, Saint Elmo Way	75,000
Total			1,200,000

Project Schedule:

Refer to the Gantt Chart in Attachment 2.

Project Budget:

Refer to the Budget, Funding and Expenditures on Page 13.

BUDGET, FUNDING AND EXPENDITURES

Budget and Funding

The budget for the ESER1 Bond Program is \$412,300,000.

The proceeds of the first three bond sales totaling \$301,115,000 have been appropriated as follows:

Component	Budget	FUNDING		APPROPRIATION AUTHORIZATION				
		General Obligation Bonds	Fire Facility Bond Funds	General Obligation Bonds				
				First	Second	Third	Total	Future
				10A	10B	10C		
Public Safety Building (PSB)	239,000,000	239,000,000		63,096,285	164,120,973	0	227,217,258	11,782,742
Neighborhood Fire Stations (NFS)	72,272,000	64,000,000	8,272,000 (1)	7,148,344	17,616,196	0	24,764,540	39,235,460
Auxiliary Water Supply System (AWSS)	102,400,000	102,400,000		8,396,928	0	37,999,848	46,396,776	56,003,224
Project Fund Subtotal	413,672,000	405,400,000	8,272,000	78,641,557	181,737,169	37,999,848	298,378,574	107,021,426
Controller's Audit Fund (two tenths of 1%)	827,058	827,058		157,556	364,117	76,152	597,825	229,233
General Obligation Bond Oversight Committee (one tenth of 1%)	413,529	413,529		79,520	183,330	38,265	301,115	112,414
Cost of Issuance (COI)	5,659,413	5,659,413		641,367	1,045,384	150,735	1,837,486	3,821,927
Accountability and COI Subtotal	6,900,000	6,900,000	0	878,443	1,592,831	265,152	2,736,426	4,163,574
Total ESER1	420,572,000	412,300,000	8,272,000 (1)	79,520,000	183,330,000	38,265,000	301,115,000	111,185,001

(1) The budget for NFS increased by \$8.272M from \$64M to \$72.272M to include previous Fire Facility Bond Funds to supplement ESER1 NFS funds. As a result, the overall budget increased from \$412.3M to \$420.572M

The budget for PSB is \$239,000,000. The appropriation of \$227,217,258 reflects the proceeds of the first and second bond sales. These changes are reflected in Attachment 1 – Program Budget Report. A future sale totaling \$11,782,742 would be necessary to supplement the remainder of the component.

The budget for NFS is \$64,000,000. The appropriation of \$24,764,540 reflects the proceeds of the first and second bond sales. As mentioned earlier, an additional \$8,272,000 was appropriated through the Annual Appropriation Ordinance (AAO) FY 12/13 to supplement the ESER1 NFS increasing the budget from \$64,000,000 to \$73,372,000 and will augment the budget for New Pier Fire Boat Headquarters and fund other scope of work not included in ESER1 such as the Fire Boat slab repair and the Fire Station No. 1 FF&E. Note, however, that the \$1,100,000 budgeted for the cost of finance, GOBOC, Audit will be tracked and reported separately. Therefore, the budget reflected in Attachment 1 – Program Budget Report will be \$72,272,000. One or more future sales totaling \$39,235,460 would be necessary to supplement the remainder of the component.

The budget AWSS is \$102,400,000. The appropriation of \$46,396,776 reflects the proceeds of the first and third bond sales. This is reflected in Attachment 1 – Program Budget Report. One or more future sales totaling \$56,003,224 would be necessary to supplement the remainder of the component.

The budget for other costs such as the Controller's Audit Fund, Citizens GOB Bond Oversight Committee, Cost of Issuance and underwriters' Discount is \$6,900,000. The appropriation of \$2,736,486 reflects the proceeds of the three bond sales. These changes are reflected in Attachment 1 – Program Budget Report.

Expenditures

The City Job Orders and Encumbrances through September 30, 2012 are \$300,612,777 which represents 71% of the Budget or 100% of all three bond sales. The expenditures through September 30, 2012 are \$55,351,967 which represents 13% of the Budget. The following is a summary of the budget and expenditures:

Component	A	B	C	D	Percentages		
	Budget	First, Second & Third Bond Sales	City Job Orders & Encumbrances	Expenditures	C/A	C/B	D/A
Public Safety Building	\$239,000,000	227,217,258	\$227,217,258	42,316,274	95%	100%	18%
Neighborhood Fire Stations	\$72,272,000	24,764,540	\$24,464,239	5,474,832	34%	99%	8%
Auxiliary Water Supply System	\$102,400,000	46,396,776	\$46,396,776	6,553,553	45%	100%	6%
Oversight, Accountability & Cost of Issuance	\$6,900,000	2,736,426	\$2,534,504	1,007,308	37%	93%	15%
Total	\$420,572,000	\$301,115,000	\$300,612,777	\$55,351,967	71%	100%	13%

The expenditures are consistent with our spend-down forecast and are within budget.

Refer to Attachment 1 – Program Budget Report for a detailed breakdown of the expenditures.

ATTACHMENT 1 – PROGRAM BUDGET REPORT

Earthquake Safety & Emergency Response Bond Program Program Budget Report - Expenditures as of 09/30/12								
Status	Project	Category	Pre-Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
PUBLIC SAFETY BUILDING								
DESIGN	PUBLIC SAFETY BUILDING							
DEVELOPMENT	(CESER1 PS; 7400A & 7410A)	Soft Costs	44,066,886	35,625,197		25,112,940	7,708,443	2,803,813
		Construction	183,100,000	179,889,796		17,203,334	155,048,710	7,637,752
		Project Contingency	11,833,114	11,702,265				11,702,265
		Subtotal	239,000,000	227,217,258	0	42,316,274	162,757,153	22,143,830
NEIGHBORHOOD FIRE STATIONS								
VARIOUS	FOCUSED SCOPE							
	(CESER1 FS 31, 32, 34, 35, 36, 37, 38, 39) (Job Orders 7431A, 7432A, 7434A, 7435A, 7436A, 7437A, 7438A, 7439A)	Soft Costs	999,799	999,799		641,705	393,998	-35,904
		Construction	9,108,148	9,108,148		949,620	33,455	8,125,073
		Construction Contingency	2,277,037	2,277,037				2,277,037
		Subtotal	12,384,984	12,384,984	0	1,591,325	427,453	10,366,206
PLANNING	COMPREHENSIVE: STATION 36							
	(CESER1 FS27; Job Order 7427A)	Soft Costs	843,737	1,000,000		149,753	410,317	439,930
		Construction	1,968,000					0
		Construction Contingency	492,000					0
		Subtotal	3,303,737	1,000,000	0	149,753	410,317	439,930
PLANNING	SEISMIC: STATION 5 (New 2-story)							
	(CESER1 FS40; Job Order 7440A)	Soft Costs	2,115,388	1,500,000		107,387	57,306	1,335,307
		Construction	5,832,000					0
		Construction Contingency	648,000					0
		Subtotal	8,595,388	1,500,000	0	107,387	57,306	1,335,307
PLANNING	SEISMIC: STATION 9 UTILITY ISOLATION							
	(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
		Subtotal	200,000	200,000	0	0	0	200,000
PLANNING	SEISMIC: STATION 16 (New 2-story)							
	(CESER1 FS42; Job Order 7442A)	Soft Costs	1,645,302	1,500,000		89,141	58,099	1,352,760
		Construction	4,536,000					0
		Construction Contingency	504,000					0
		Subtotal	6,685,302	1,500,000	0	89,141	58,099	1,352,760
PLANNING	NEW PIER FIRE BOAT HEADQUARTERS							
	(CESER1 FS24; Job Order 7424A)	Soft Costs	5,321,767	590,288		79,318	0	510,970
		Construction	13,041,600					0
		Project Contingency	3,260,400					0
		Subtotal	21,623,767	590,288	0	79,318	0	510,970
PLANNING	EQUIPMENT LOGISTICS CENTER							
	(CESER1 FS26; Job Order 7426A)	Soft Costs	2,534,687	100,000		0	0	100,000
		Construction						0
		Project Contingency						0
		Subtotal	2,534,687	100,000	0	0	0	100,000
PLANNING	PROGRAM-WIDE SOFT COSTS & PROGRAM RESERVE							
	(CESER1 FS20; CESER1 FS30 Job Orders 7420A; 7430A)	Soft Costs	13,246,823	6,934,957		3,293,483	461,990	3,179,484
		Construction						0
		Program Reserve	3,000,000					0
		Subtotal	16,246,823	6,934,957	0	3,293,483	461,990	3,179,484
PLANNING	FIRE BOAT SLAB REPAIR (Non-ESER1 related)							
	(CESER1 FS33; Job Order 7433A)	Soft Costs	219,312	248,204		164,425	1,644	82,135
		Construction	178,000	6,108			6,108	0
		Project Contingency						0
		Subtotal	397,312	254,312	0	164,425	7,752	82,135

Status	Project	Category	Pre-Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
PLANNING	FIRE STATION NO. 1 FF&E (Non-ESER1 related) (CESER1 FS43; Job Order 7443A)	Soft Costs	300,000	300,000				300,000
		Construction						0
		Project Contingency						0
		Subtotal	300,000	300,000	0	0	0	300,000
PLANNING	NEIGHBORHOOD FIRE STATIONS SUMMARY (CESER1 FS)	Soft Costs	27,306,815	13,253,248	0	4,525,212	1,383,354	7,344,682
		Construction	34,759,748	9,210,256	0	949,620	39,563	8,221,073
		Project Contingency	10,205,437	2,301,037	0	0	0	2,301,037
		Subtotal	72,272,000 ^(1a)	24,764,541	0	5,474,832	1,422,917	17,866,792
AUXILIARY WATER SUPPLY SYSTEM (AWSS)								
PRE-BOND PLANNING AND DEVELOPMENT								
PLANNING	Pre-Bond Planning and Development	Soft Costs	1,316,963	1,316,963		1,316,963 ^(1a)		0
		Construction	0					0
		Project Contingency						0
		Subtotal	1,316,963	1,316,963	0	1,316,963	0	0
Design	AUXILIARY WATER SUPPLY SYSTEM (AWSS) Jones Street Tank	Soft Costs	1,939,425	900,000		558,744	51,925	289,331
		Construction	2,801,853					0
		Project Contingency						0
		Subtotal	4,741,278	900,000	0	558,744	51,925	289,331
Design	Ashbury Heights Tank	Soft Costs	2,171,640	900,000		453,838	57,381	388,781
		Construction	4,965,251					0
		Project Contingency						0
		Subtotal	7,136,891	900,000	0	453,838	57,381	388,781
Design	Twin Peaks Reservoir	Soft Costs	1,706,677	900,000		497,621	68,185	334,194
		Construction	1,962,219					0
		Project Contingency						0
		Subtotal	3,668,896	900,000	0	497,621	68,185	334,194
Design	Pump Station No. 1	Soft Costs	1,666,919	900,000		459,127	65,446	375,427
		Construction	3,854,133					0
		Project Contingency						0
		Subtotal	5,521,052	900,000	0	459,127	65,446	375,427
PLANNING	Pump Station No. 2	Soft Costs	4,510,082	1,500,000		760,316	59,796	679,888
		Construction	9,501,780					0
		Project Contingency						0
		Subtotal	14,011,862	1,500,000	0	760,316	59,796	679,888
Design	FIREFIGHTING CISTERNS Contract No. 1	Soft Costs	1,120,643	1,000,000		425,699	187	574,114
		Construction	2,431,661					0
		Project Contingency						0
		Subtotal	3,552,304	1,000,000	0	425,699	187	574,114
Design	Contract No. 2	Soft Costs	3,728,249	1,300,000		415,889	235,874	648,237
		Construction	6,928,660					0
		Project Contingency						0
		Subtotal	10,656,909	1,300,000	0	415,889	235,874	648,237
Design	Contract No. 3	Soft Costs	3,433,935	200,000		9,465	0	190,535
		Construction	7,222,974					0
		Project Contingency						0
		Subtotal	10,656,909	200,000	0	9,465	0	190,535

Status	Project	Category	Pre-Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
Design	Contract No. 4	Soft Costs	3,375,377	100,000		0	0	100,000
		Construction	7,281,532					0
		Project Contingency						0
		Subtotal	10,656,909	100,000	0	0	0	100,000
PRE-DESIGN	FIREFIGHTING PIPES AND TUNNELS AWSS Modernization CIP Study	Soft Costs	3,000,000	3,000,000		1,429,672	797,768	772,560
		Construction						0
		Project Contingency						0
		Subtotal	3,000,000	3,000,000	0	1,429,672	797,768	772,560
PLANNING	Contract No. 1	Soft Costs	2,551,248	411,800		226,219	0	185,581
		Construction	6,892,027					0
		Project Contingency						0
		Subtotal	9,443,275	411,800	0	226,219	0	185,581
PLANNING	Contract No. 2	Soft Costs	2,637,146	0		0	0	0
		Construction	6,806,129					0
		Project Contingency						0
		Subtotal	9,443,275	0	0	0	0	0
PLANNING	Contract No. 3	Soft Costs	2,614,750	0		0	0	0
		Construction	5,978,727					0
		Project Contingency						0
		Subtotal	8,593,477	0	0	0	0	0
PLANNING	CUW AWS 01	Soft Costs	0	33,968,013		0	0	33,968,013
		Construction	0					0
		Project Contingency						0
		Subtotal	0	33,968,013	0	0	0	33,968,013
AUXILIARY WATER SUPPLY SYSTEM (AWSS)		Soft Costs	35,773,054	46,396,776	0	6,553,553	1,336,562	4,538,648
		Construction	66,626,946	0	0	0	0	0
		Project Contingency	0	0	0	0	0	0
		Subtotal	102,400,000	46,396,776	0	6,553,553	1,336,562	4,538,648
ESER		Soft Costs	107,146,755	95,275,221	0	36,191,705	10,428,359	14,687,143
		Construction	284,486,694	189,100,052	0	18,152,954	155,088,273	15,858,825
		Project Contingency	22,038,551	14,003,302	0	0	0	14,003,302
		Subtotal	413,672,000	298,378,575	0	54,344,659	165,516,632	44,549,270
BOND OVERSIGHT/ACCOUNTABILITY			6,900,000	898,940				898,940
BOND COST OF ISSUANCE				1,837,486		1,007,308		830,178
TOTAL BOND PROGRAM			420,572,000	301,115,000	0	55,351,967	165,516,632	46,278,388

Per FAMIS fiscal month 03 2012 (August 2012), the actual expenditures are \$123,213,972. The variances are as follows:

- (1) The transfer out to PUC AWSS is shown as actual (0935W OTO TO 5W-WATER DE) \$46,396,776
 (a) less \$1,316,936 for forecasted pre-bond expenditures not yet posted in FAMIS. Expenditures currently reside under DPW. (\$1,316,963)
 (b) less \$5,236,590 for actuals per FAMIS Project structure CUW AWS AW (\$5,236,590)
- (2) Bond Sale Premiums:
 (a) The underwriters discount of \$211,953 was separated from the premium \$5,118,923 \$5,118,923
 (b) deducted underwriters discount \$211,953 from 0934G OTO TO 4D/GOB-GEN and added it to 07311 BOND ISSUANCE COST (\$211,953)
 (c) The Second Bond Sale premium of \$16,898,267 (0934G) \$16,898,268
 (d) The Third Bond Sale premium of \$6,213,547 (0934G) \$6,213,547
- (3) The budget increased by \$8,129M from \$412.3M to \$420,429M to include previous Fire Facility Bond Funds to supplement ESER1 NFS funds
- Total** \$123,213,972

Prepared by the Department of Public Works, revised 07/14/12

ATTACHMENT 2 – TIMELINE AND SCHEDULE

ATTACHMENT 3 – CONTACT INFORMATION

Department of Public Works
Bureau of Project Management
30 Van Ness Avenue, Suite 4100
San Francisco, CA 94102
(415) 557-4700

<i>Contact</i>	<i>Title</i>	<i>Telephone No.</i>	<i>Cell No.</i>	<i>E-mail</i>
Charles A. Higuera	Program Manager	(415) 557-4646	(415) 307-7891	charles.higuera@sfdpw.org
Jim Buker	Senior Architect	(415) 557-4758	(415) 225-9481	jim.buker@sfdpw.org
Gabriella Judd Cirelli	Project Manager	(415) 557-4707	(415) 279-4395	gabriella.cirelli@sfdpw.org
Samuel Chui	Project Manager	(415) 558-4082	(415) 272-8293	samuel.chui@sfdpw.org
Youcef Bouhamama	Project Manager	(415) 557-4798		youcef.bouhamama@sfdpw.org
Viviana Soper	Project Mgr. Asst.	(415) 557-4647		viviana.soper@sfdpw.org
Andrew Christiansen	Project Mgr. Asst.	(415) 557-4639		andrew.christiansen@sfdpw.org
Marisa Fernandez	Financial Analyst	(415) 557-4653		marisa.fernandez@sfdpw.org

Public Utilities Commission
525 Golden Gate Avenue, 9th Floor
San Francisco, CA 94102

<i>Contact</i>	<i>Title</i>	<i>Telephone No.</i>	<i>Cell No.</i>	<i>E-mail</i>
David Myerson	Project Manager	(415) 934-5710	(415) 500-5449	dmyerson@swater.org