

Earthquake Safety and Emergency Response Bond Program

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

Accountability Report
May 18, 2012

Submitted by

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EXECUTIVE SUMMARY

The Earthquake Safety and Emergency Response (ESER) Bond Program is comprised of three components: the Public Safety Building, the Neighborhood Fire Stations and Support Facilities, and Auxiliary Water Supply System (AWSS) with a combined budget of \$412,300,000. The ESER Bond Program has received proceeds from two bond sales totaling \$262,850,000. The following table, Table A, is a summary of the budget and proceeds per component:

Table A - Summary of Budget and Proceeds per Component

Component	Budget	First	Second	Total	Future
Public Safety Building	239,000,000	66,596,285	160,620,973	227,217,258	11,782,743
Neighborhood Fire Stations	64,000,000	3,627,397	21,073,913	24,701,310	39,298,690
Auxiliary Water Supply System	102,400,000	8,396,928	0	8,396,928	94,003,072
Subtotal	405,400,000	78,620,610	181,694,886	260,315,496	145,084,504
Controller's Audit Fund (two tenths of 1%)	810,800	157,241	363,390	520,631	290,169
General Obligation Bond Oversight Committee (one tenth of 1%)	405,400	79,520	183,330	262,850	142,550
Cost of Issuance (Estimated)	5,683,800	662,629	1,088,394	1,751,023	3,932,777
Subtotal	6,900,000	899,390	1,635,114	2,534,504	4,365,496
Total ESER1	412,300,000	79,520,000	183,330,000	262,850,000	149,450,001

The Department of Public Works, together with the San Francisco Public Utilities Commission, is pursuing approval for the sale and appropriation of third bond sale for \$40,410,000 exclusively for the AWSS component and its related cost of issuance, accountability and GOBOC costs. The following table, Table B, shows the breakdown of the third bond sale as well as the previous.

Table B - Breakdown of Third Bond Sale

Component	Budget	First	Second	Third	Total	Future
Public Safety Building	239,000,000	66,596,285	160,620,973	0	227,217,258	11,782,743
Neighborhood Fire Stations	64,000,000	3,627,397	21,073,913	0	24,701,310	39,298,690
Auxiliary Water Supply System	102,400,000	8,396,928	0	38,000,000	46,396,928	56,003,072
Subtotal	405,400,000	78,620,610	181,694,886	38,000,000	298,315,496	107,084,504
Controller's Audit Fund (two tenths of 1%)	810,800	157,241	363,390	76,000	596,631	214,169
General Obligation Bond Oversight Committee (one tenth of 1%)	405,400	79,520	183,330	38,485	301,335	104,065
Cost of Issuance (Estimated)	5,683,800	662,629	1,088,394	370,515	2,121,538	3,562,262
Subtotal	6,900,000	899,390	1,635,114	485,000	3,019,504	3,880,496
Total ESER1	412,300,000	79,520,000	183,330,000	38,485,000	301,335,000	110,965,001

Reserve Pending Bond Sale¹ 1,925,000

Total Third Bond Sale Request 40,410,000

The AWSS projects and finances are being managed by the San Francisco Public Utilities Commission (SFPUC). The requested \$38 million will fund the planning and design of physical plant, pipeline, tunnel, and cistern projects and the construction of physical plant and cistern improvements. Physical plant, also called core facilities, consists of Twin Peaks Reservoir, Ashbury Heights Tank, Jones Street Tank, Pumping Station #1, and Pumping Station #2. Environmental review is required for cistern projects. Bidding for cistern

¹The entire \$40,410,000 is expected to be placed on Controller's Reserve pending the sale of the bonds. The amount of the Reserve Pending Bond Sale is subject to change due to bond market conditions at the time of sale. The Controller's Office will make technical adjustments based on the sale results..

construction will not commence until California Environmental Quality Act documentation is complete and project approval is obtained. Construction at the physical plant locations will comply with the approved Mitigated Negative Declaration and any associated modifications. This information is summarized in the following table, Table C.

Table C – Summary of Scope of Work

Phase	CEQA Status	Current Bond Sale
Planning and design – physical plant, cisterns, pipeline, tunnels	-	\$9.9 million
Construction – physical plant	Mitigated Negative Declaration approved	\$11.8 million
Construction – cisterns	Preliminary planning discussions underway prior to environmental review application submittal	\$16.3 million
Total		\$38.0 million

The proceeds of the three bond sales totaling \$301,335,000 will be sufficient to fund the projects under each component through June 30, 2013.

Further detail and the status of each component are discussed in the following report. The Accountability Report dated November 18, 2011, which was submitted in preparation of the second bond sale, is available on the Earthquake Safety and Emergency Response Bond website at <http://sfearthquakesafety.org/wp-content/uploads/ESER-Accountability-Report-November-18-20112.pdf>. It should be noted that in that report, it was anticipated a second bond sale of \$214,535,000 which included \$31,505,626 for AWSS. Soon after the report was issued, however, it was decided that a separate bond sale for the AWSS component would be pursued. Therefore, the second bond sale request was revised from \$214,535,000 to \$192,000,000. The proceeds of the second sale totaled \$183,330,000 as reflected in Table A above.

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 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:

Sixty percent (60%) Construction Document for Public Safety Building were published in February and 50% Construction Document for Fire Station #30 were completed in March. Quality Control and Quality Assurance checks continue on both projects to ensure that the project is on schedule and within budget. Approval of Site Permit and Addendum #1 (for Piles), a major milestone, was achieved in March.

DPW selected a consultant to perform Materials Testing and Special Inspection for the Public Safety Building and is expected to start work in May.

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 fire sprinkler, window washing equipment, manhoist, structural steel, structural concrete/ rebar, below grade waterproofing, elevators.

Schedule:

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

Trade	Tentative RFQ Issuance
Window Washing Equipment	December 2011
Concrete	February 2012
Structural Steel	January 2012
Below Grade Waterproofing	March 2012
Manhoist	January 2012
Elevators	March 2012
Misc. Metals	June 2012
Metal Stairs	April 2012
Plumbing	April 2012
HVAC	April 2012
Electrical	April 2012
Slabs on Metal Deck	April 2012
Fire Proofing	April 2012
Rough Carpentry	June 2012
Finished Carpentry	June 2012
Thermal Protection	April 2012
Architectural Concrete Walls	May 2012

Trade	Tentative RFQ Issuance
Roofing	May 2012
Misc. Sheet Metal	June 2012
Doors, frames and hardware	June 2012
Specialty Doors	June 2012
Interior Glazing	June 2012
Ceramic Tiles	June 2012
Acoustical Ceilings	June 2012
Flooring	June 2012
Wall Coverings	June 2012
Equipments	June 2012
Landscaping	June 2012
Framing/ Drywall/ Plaster/ GFRC	April 2012
Site Barrier Equipment	June 2012
Fire Station #30	June 2012
CMU	June 2012

Construction Activities:

- Relocation of soil currently stockpiled on Block 9 (by MBDG) to provide for construction staging areas.
- Install/re-rout of existing AT&T conduits and new sewer lines along Mission Rock Street (by AT&T and MBDG) enable realignment of the streets and start of construction within the project site as defined by the proposed perimeter.
- Installation of contractor jobsite trailer and exterior “safety” deck; set-up of temporary utilities and connection; existing conditions survey and soil sampling; set-up of dewatering tanks were completed to allow for construction commencement.
- Clear, grub the site, remove and cap existing utilities
- Installation of soil-mix walls around building perimeter was completed. Various unforeseen site conditions and obstructions were discovered and mitigated.

Substantial Completion is scheduled March 2014.

Project Budget: The Public Safety Building total project budget is \$239,000,000. Not included in the \$239,000,000 is \$4,000,000 for bond oversight, accountability and bond cost of issuance. Together, the budget is \$243,000,000 as reported in the Bond Program Report.

Neighborhood Fire Stations & Support Facilities

Project Description: The ESER 1 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 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 (ELC), which will consolidate the Bureau of Equipment (BOE), currently at 2501 25th Street, with the Emergency Medical Services and Arson Task Force at 1415 Evans. A preliminary list of projects to be completed by the ESER 1 bond was identified by DPW and the Fire Administration, and accepted by the Fire Commission at their meeting of September 23, 2010.

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 1. Direction was also provided for the preferred development of the Fire Boat Station and the Emergency Logistics Center (ELC.)

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 1. Direction was also provided for the preferred development of the Fire Boat Station and the Emergency Logistics Center (ELC.) See summary table at the end of this section for project list and initial program budget. Development of baseline schedule and baseline budgets for these projects are underway for SFFD approval in April and May 2012.

Design work on Groups I and II Focused Scope stations continues. Bids for Fire Station 28 Roof Replacement were opened on March 28, 2012 and contract certification is in progress. Additional roof and exterior building envelope packages will be bid at the average rate of one per month through the month of August 2012. Service providers will include bidding to the General Contracting community, Micro LBE contractors as set-asides, and DPW BBR in-house execution.

Building program for replacement Fire Stations #5 and #16, written by the special expertise consulting architect for fire station operations, was presented to SFFD April 5, 2012 and approval was received. Design services provided by DPW's BDC and IDC in-house design groups began on April 16, 2012.

Design began on the Comprehensive renovation at Station #36 in May 2012. Design services will be provided by DPW -BDC's on-call consultant, Paulett Taggart Associates.

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, 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.

Meetings continued with SF Port and SFFD re: the Functional Program and Planning Options Analysis draft report for the Fire Boat Station #35. The initial meeting with the SF Port and BCDC staff on March 22, 2012 re: the Fire Boat Station project was productive, as were initial meetings with SF Port and Historical staff in May 2012.

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 alternative sites for a more cost effective solution.

The following table shows the preliminary and approved program budget and the approved program scope as discussed above. In addition, it shows that an additional \$8.129 million 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.

SCOPE OF WORK	PROGRAM BUDGET		FUNDING		
	Preliminary ¹	Approved by SFFD	ESER1 Bonds	Other Funds	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	2,589,000	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		200,000	200,000
Fire Station 1 FF&E (Non-ESER1 related)		300,000		300,000	300,000
ESER NFS PROGRAM BUDGET TOTAL	65,100,000	73,229,000²	65,100,000	8,129,000	73,229,000

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

²SFFD requested that \$8.129M remaining in previous Fire Facility Bond funds supplement ESER1 funds.

Project Schedule: SFFD evaluated project scope and program budget options prepared by DPW. On February 29, 2012, SFFD approved a final slate of Groups I, II and III projects to be completed as part of ESER 1. Next step will be development of the baseline project schedule, which will be published in subsequent reports. Fire Station #28 roof replacement project will be bid on March 21, 2012.

The final project under this component is anticipated to be completed in November 2017.

Project Budget: The budget for the Neighborhood Fire Stations is \$64,000,000. Not included in the \$64,000,000 is \$1,100,000 for bond oversight, accountability and bond cost of issuance. Together, the budget is \$65,100,000 as reported in the Bond Program Report.

AUXILIARY WATER SUPPLY SYSTEM (AWSS)

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

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 currently in the planning or design phases for the physical plant, pipelines, tunnels, and cisterns, as follows.

Planning Study

The consultant team of AECOM/AGS Joint Venture is continuing to execute the Planning Support Services work for the AWSS. Their deliverables will define a preferred repair, improvement, and expansion strategy and a capital improvement program for the physical plant, pipelines, tunnels, and cisterns to increase seismic reliability and fire-protection water delivery.

A Technical Advisory Panel is assisting SFPUC with the review of the planning consultant's work products. The panel includes noted AWSS scholars Professors Thomas O'Rourke and Charles Scawthorn. Their extensive experience includes work with the City's AWSS and in the broader seismic lifeline reliability and fire propagation fields.

Physical Plant

The SFPUC Engineering Management Bureau (EMB) began design work for Ashbury Tank, Jones Street Tank, Pumping Station 1, and Twin Peaks Reservoir, following submission of a Conceptual Engineering Report for each site. EMB continues conceptual engineering work for Pumping Station 2. Geotechnical field work was completed at Ashbury Tank, Jones Street Tank, Pumping Station 1, Pumping Station 2, and Twin Peaks Reservoir. Materials testing at Twin Peaks Reservoir was completed. Debris removal from Twin Peaks Reservoir was completed, which allowed structural engineering investigation of the reservoir liner and dividing wall. A new 16" diameter supply pipe from the Summit Reservoir gravity discharge line to Twin Peaks Reservoir was constructed.

Seawater Tunnels

Sediment removal from Pumping Stations 1 and 2 tunnels is being managed by the SFPUC City Distribution Division. Sediment removal from Pumping Station 2 tunnel began in early May 2012.

Cisterns

Nineteen existing reinforced-concrete cisterns were identified as repair candidates. Ten of these cisterns were drained and entered for observation. Nine of these entered cisterns will require relatively minor repairs for concrete spalling and reinforcement corrosion, while the remaining cistern will require more extensive repair. Of the nine cisterns not entered, four were observed to have full water levels, indicating no need for repairs. The remaining

Earthquake Safety and Emergency Response Bond Program

five cisterns are in high-traffic areas and will be drained and entered outside of standard business hours.

Forty candidate locations for the construction of new cisterns were identified. Sixteen of these locations were designated as Group 1 and the remaining 24 locations as Group 2. EMB began design work for the Group 1 cisterns. The Group 2 cisterns design work is expected to start in 2013. Preliminary environmental review discussions began for both groups.

Project Schedule:

Description	Scheduled Completion
Pump Station No. 2 Conceptual Engineering Report	October 2012
Planning study draft report	November 2012
Design for 16 new cisterns	Early 2013
Design for Twin Peaks Reservoir, Ashbury Tank, Jones Tank, and Pump Station No. 1	March 2013

The final AWSS project is anticipated to be completed in September 2018.

Project Budget: The budget for the AWSS is \$102,400,000. Not included in the \$102,400,000 is \$1,800,000 for bond oversight, accountability and bond cost of issuance. Together, the budget is \$104,200,000 as reported in the Bond Program Report.

BUDGET, FUNDING & EXPENDITURES

Budget and Funding

The budget for the ESER Bond Program is \$412,300,000. The Program has received \$262,965 million from the proceeds of two bond sales. The following is a summary of the budget and appropriation per component:

Component	Budget	First	Second	Total	Future
Public Safety Building	239,000,000	66,596,285	160,620,973	227,217,258	11,782,743
Neighborhood Fire Stations	64,000,000	3,627,397	21,073,913	24,701,310	39,298,690
Auxiliary Water Supply System	102,400,000	8,396,928	0	8,396,928	94,003,072
Subtotal	405,400,000	78,620,610	181,694,886	260,315,496	145,084,504
Controller's Audit Fund (two tenths of 1%)	810,800	157,241	363,390	520,631	290,169
General Obligation Bond Oversight Committee (one tenth of 1%)	405,400	79,520	183,330	262,850	142,550
Cost of Issuance (Estimated)	5,683,800	662,629	1,088,394	1,751,023	3,932,777
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Total ESER1	412,300,000	79,520,000	183,330,000	262,850,000	149,450,001

The budget for the **Public Safety Building** is \$239,000,000. The total appropriation from the proceeds of the first and second bond sales are \$227,217,258. A future sale totaling \$11,782,743 would be necessary to supplement the remainder of the component.

The budget for the **Neighborhood Fire Station and Support Facilities** is \$64,000,000. The total appropriation from the proceeds of the first and second bond sales are \$24,701,310.

As discussed earlier, SFFD expects to appropriate an additional \$8,129,000 through the Annual Appropriation Ordinance (AAO) FY 12/13 to supplement the ESER1 Neighborhood Fire Stations & Support Facilities increasing the budget from \$64,000,000 to \$73,229,000 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. As a result, the overall budget increased to \$420,429,000.

One or more future sales totaling \$39,298,690 would be necessary to supplement the remainder of the component.

The budget **Auxiliary Water Supply System** is \$102,400,000. The total appropriation from the first bond sale is \$8,396,928. Future sales proceeds totaling \$56,003,072 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 total appropriation from the proceeds of the first and second bond sales are \$2,534,504.

Earthquake Safety and Emergency Response Bond Program

Expenditures

As of March 31, 2012, the funds allocated in the City Job Orders and committed through Encumbrances are \$64,411,455 which represents 15% of the Budget or 25% of the first and second bond sales. The expenditures are \$25,696,988 which represents 6% of the Budget. The following is a summary:

Component	A	B	C	D	Percentages		
	Budget	First & Second Bond Sales	City Job Orders & Encumbrances	Expenditures	C/A	C/B	D/A
Public Safety Building	\$239,000,000	227,217,258	\$48,316,961	18,025,552	20%	21%	8%
Neighborhood Fire Stations	\$72,129,000	24,701,310	\$5,163,062	3,669,081	7%	21%	5%
Auxiliary Water Supply System	\$102,400,000	8,396,928	\$8,396,928	3,237,423	8%	100%	3%
Oversight, Accountability & Cost of Issuance	\$6,900,000	2,534,505	\$2,534,504	764,932	37%	100%	11%
Total	\$420,429,000	\$262,850,000	\$64,411,455	\$25,696,988	15%	25%	6%
Plus funds allocated as Job Order Reserve			\$198,438,545				
Total			\$262,850,000				

The Department of Public Works, together with the San Francisco Public Utilities Commission, is pursuing approval for the sale and appropriation of third bond sale for \$40,410,000 exclusively for the AWSS component and its related cost of issuance, accountability and GOBOC costs. The AWSS projects and finances are being managed by the San Francisco Public Utilities Commission. The requested \$38 million will fund the planning and design of physical plant, pipeline, tunnel, and cistern projects and the construction of physical plant and cistern improvements. Physical plant, also called core facilities, consists of Twin Peaks Reservoir, Ashbury Heights Tank, Jones Street Tank, Pumping Station #1, and Pumping Station #2. Environmental review is required for cistern projects. Bidding for cistern construction will not commence until California Environmental Quality Act documentation is complete and project approval is obtained. Construction at the physical plant locations will comply with the approved Mitigated Negative Declaration and any associated modifications. This information is summarized in the following table.

Phase	CEQA Status	Current Bond Sale
Planning and design – physical plant, cisterns, pipeline, tunnels	-	\$9.9 million
Construction – physical plant	Mitigated Negative Declaration approved	\$11.8 million
Construction – cisterns	Preliminary planning discussions underway prior to environmental review application submittal	\$16.3 million
Total		\$38.0 million

Earthquake Safety and Emergency Response Bond Program

This would increase the appropriation authorization to \$301,335,000 as follows:

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Controller's Audit Fund (two tenths of 1%)	810,800	157,241	363,390	76,000	596,631	214,169
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Reserve Pending Bond Sale¹

1,925,000

Total Third Bond Sale Request

40,410,000

The appropriation of \$301,335,000 will be sufficient to fund the projects under each component through June 30, 2013.

¹ The entire \$40,410,000 is expected to be placed on Controller's Reserve pending the sale of the bonds. The amount of the Reserve Pending Bond Sale is subject to change due to bond market conditions at the time of sale. The Controller's Office will make technical adjustments based on the sale results.

ACCOUNTABILITY MEASURES

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 Department of Public Works (DPW) has prepared four quarterly reports thus far and has presented in front of the City's Citizen 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 Steering Committee, consisting of executive management from San Francisco Fire Department, Department of Public Works, and the San Francisco Public Utilities Commission, and the Technical Oversight Committee, consisting of technical and operations managers from the same organizations.

ATTACHMENT 1 – PROGRAM BUDGET REPORT

**Earthquake Safety & Emergency Response Bond Program
Program Budget Report - Expenditures as of 03/31/12**

Status	Project	Category	Pre-Baseline Budget	Appropriated	FAMIS			Balance
					Reserve	Expended	Encumbrance	
PUBLIC SAFETY BUILDING								
DESIGN	PUBLIC SAFETY BUILDING							
DEVELOPMENT	(CESER1 PS; 7400A & 7410A)	Soft Costs	44,066,886	35,625,197		16,350,371	9,542,287	9,732,539
		Construction	183,100,000	179,889,796		1,675,181	14,496,254	163,718,361
		Project Contingency	11,833,114	11,702,265				11,702,265
		Subtotal	239,000,000	227,217,258	0	18,025,552	24,038,541	185,153,165
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		309,406		690,393
		Construction	9,108,148	9,108,148		787,177	36,505	8,284,466
		Construction Contingency	2,277,037	2,277,037				2,277,037
		Subtotal	12,384,984	12,384,984	0	1,096,583	36,505	11,251,896
PLANNING	COMPREHENSIVE: STATION 36							
	(CESER1 FS27; Job Order 7427A)	Soft Costs	843,737	1,000,000				1,000,000
		Construction	1,968,000					0
		Construction Contingency	492,000					0
		Subtotal	3,303,737	1,000,000	0	0	0	1,000,000
PLANNING	SEISMIC: STATION 5 (New 2-story)							
	(CESER1 FS40; Job Order 7440A)	Soft Costs	2,115,388	1,500,000				1,500,000
		Construction	5,832,000					0
		Construction Contingency	648,000					0
		Subtotal	8,595,388	1,500,000	0	0	0	1,500,000
PLANNING	SEISMIC: STATION 9 UTILITY ISOLATION							
	(CESER1 FS41; Job Order 7441A)	Soft Costs	80,000	80,000			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				1,500,000
		Construction	4,536,000					0
		Construction Contingency	504,000					0
		Subtotal	6,685,302	1,500,000	0	0	0	1,500,000
PLANNING	NEW PIER FIRE BOAT HEADQUARTERS							
	(CESER1 FS24; Job Order 7424A)	Soft Costs	5,321,767	590,288		46,637		543,651
		Construction	13,041,600					0
		Project Contingency	3,260,400					0
		Subtotal	21,623,767	590,288	0	46,637	0	543,651
PLANNING	EQUIPMENT LOGISTICS CENTER							
	(CESER1 FS26; Job Order 7426A)	Soft Costs	2,534,687	100,000				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	6,871,726		2,519,002	721,681	3,631,043
		Construction						0
		Program Reserve	3,000,000					0
		Subtotal	16,246,823	6,871,726	0	2,519,002	721,681	3,631,043
PLANNING	FIRE BOAT SLAB REPAIR (Non-ESER1 related)							
	(CESER1 FS33; Job Order 7433A)	Soft Costs	76,312	254,312		6,859		247,453
		Construction	178,000					0
		Project Contingency						0
		Subtotal	254,312	254,312	0	6,859	0	247,453

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	27,163,815	13,196,125	0	2,881,904	721,681	9,512,540
		Construction	34,759,748	9,204,148	0	787,177	36,505	8,284,466
		Project Contingency	10,205,437	2,301,037	0	0	0	2,277,037
		Subtotal	72,129,000 ^(*)	24,701,310	0	3,669,081	758,186	20,074,043
		AUXILIARY WATER SUPPLY SYSTEM (AWSS)						
PLANNING	PRE-BOND PLANNING AND DEVELOPMENT 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
PLANNING	AUXILIARY WATER SUPPLY SYSTEM (AWSS) Jones Street Tank	Soft Costs	2,076,468	493,362		254,355	13,544	225,463
		Construction	4,337,415					0
		Project Contingency						0
		Subtotal	6,413,883	493,362	0	254,355	13,544	225,463
PLANNING	Ashbury Heights Tank	Soft Costs	1,918,310	274,099		182,252	30,458	61,389
		Construction	3,903,520					0
		Project Contingency						0
		Subtotal	5,821,830	274,099	0	182,252	30,458	61,389
PLANNING	Twin Peaks Reservoir	Soft Costs	1,566,210	555,875		235,829	26,233	293,813
		Construction	2,676,819					0
		Project Contingency						0
		Subtotal	4,243,029	555,875	0	235,829	26,233	293,813
PLANNING	Pump Station No. 1	Soft Costs	1,042,584	492,500		164,244	9,989	318,267
		Construction	2,411,044					0
		Project Contingency						0
		Subtotal	3,453,628	492,500	0	164,244	9,989	318,267
PLANNING	Pump Station No. 2	Soft Costs	4,504,461	1,316,017		223,568	91,586	1,000,863
		Construction	9,507,401					0
		Project Contingency						0
		Subtotal	14,011,862	1,316,017	0	223,568	91,586	1,000,863
PLANNING	FIREFIGHTING CISTERNS Contract No. 1	Soft Costs	1,184,836	546,312		166,636	187	379,489
		Construction	2,367,467					0
		Project Contingency						0
		Subtotal	3,552,303	546,312	0	166,636	187	379,489
PLANNING	Contract No. 2	Soft Costs	3,069,420	0				0
		Construction	7,587,489					0
		Project Contingency						0
		Subtotal	10,656,909	0	0	0	0	0
PLANNING	Contract No. 3	Soft Costs	2,834,277	0				0
		Construction	7,822,632					0
		Project Contingency						0
		Subtotal	10,656,909	0	0	0	0	0

Status	Project	Category	Pre-Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
PLANNING	Contract No. 4	Soft Costs	2,775,863	0				0
		Construction	7,881,046					0
		Project Contingency						0
		Subtotal	10,656,909	0	0	0	0	0
PRE-DESIGN	FIREFIGHTING PIPES AND TUNNELS AWSS Modernization CIP Study	Soft Costs	3,000,000	3,000,000		491,762	943,431	1,564,807
		Construction						0
		Project Contingency						0
		Subtotal	3,000,000	3,000,000	0	491,762	943,431	1,564,807
PLANNING	Contract No. 1	Soft Costs	2,637,146	401,800		201,814	0	199,986
		Construction	6,806,129					0
		Project Contingency						0
		Subtotal	9,443,275	401,800	0	201,814	0	199,986
PLANNING	Contract No. 2	Soft Costs	2,637,146	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	2,687,401	0				0
		Construction	7,041,824					0
		Project Contingency						0
		Subtotal	9,729,225	0	0	0	0	0
AUXILIARY WATER SUPPLY SYSTEM (AWSS)								
		Soft Costs	33,251,085	8,396,928	0	3,237,423	1,115,428	4,044,077
		Construction	69,148,915	0	0	0	0	0
		Project Contingency	0	0	0	0	0	0
		Subtotal	102,400,000	8,396,928	0	3,237,423 ^{(1)(b)}	1,115,428	4,044,077
ESER		Soft Costs	104,481,786	57,218,249	0	22,469,698	11,379,396	23,289,156
		Construction	287,008,663	189,093,944	0	2,462,358	14,532,759	172,002,827
		Project Contingency	22,038,551	14,003,302	0	0	0	14,003,302
		Subtotal	413,529,000	260,315,495	0	24,932,056	25,912,155	209,295,285
BOND OVERSIGHT/ACCOUNTABILITY			6,900,000	783,481				783,481
BOND COST OF ISSUANCE				1,751,024 ^(2a)		764,932 ^(2a)		
TOTAL BOND PROGRAM			420,429,000⁽⁴⁾	262,850,000	0	25,696,988	25,912,155	210,078,766

Per FAMIS fiscal month 09 2012 (March 2012), the actual expenditures are \$52,661,731. The variances are as follows:

(1) The transfer out to PUC AWSS is shown as actual (0935W OTO TO 5W-WATER DE)

(a) less \$1,316,936 for forecasted pre-bond expenditures not yet posted in FAMIS. Expenditures currently reside under DPW.

(b) less \$1,920,460 for actuals per FAMIS Project structure CUW AWS AW

(2) The underwriters discount of \$211,953 was separated from the premium \$5,118,923 as follows:

(a) deducted underwriters discount \$211,953 from 0934G OTO TO 4D/GOB-GEN and added it to 07311 BOND ISSUANCE COST

(3) The Second Bond Sale premium of \$16,898,267 (0934G)

Total

(4) The budget increased by \$8,129M from \$412.3M to \$420,429M to include previous Fire Facility Bond Funds to supplement ESER1 NFS funds

\$8,396,928

(\$1,316,963)

(\$1,920,460)

\$5,118,923

(\$211,953)

\$16,898,268

\$52,661,732

Prepared by the Department of Public Works, revised 04/10/12

ATTACHMENT 2 – CONTACT INFORMATION

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