



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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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

The A/E Teams completed 60% of the Construction Documents for the Public Safety Building in February and 50% Construction Documents for Fire Station #30 in March. Quality Control and Quality Assurance checks continue on both projects to ensure that the project is on schedule and within budget. A major milestone, approval of Site Permit and Addendum #1 (for Piles) 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 contractor's website www.buildSFPSB.com went live, to provide project background, construction status, and bidding opportunities.

Neighborhood Fire Stations & Support Facilities

At the February regular SFFD Commission meeting, the Commission approved a list of projects that will be completed in ESER1 Approval also included a base line schedule and budgets for each project.

Focused Scope projects: The A/E teams are completing designs for roofing and exterior envelope scopes of work and will bid the work in April and May 2012. SFFD has approved a comprehensive project delivery strategy that includes Micro LBE set-aside work, work self-performed by DPW BBR, and contracts bid to General Contractors.

Seismic and Comprehensive projects: Building Programs, needed to scope building repairs, for Station No. 5 and No.16 were completed March 30. Design is scheduled to begin in April.. Fire Boat Station: planning meetings with Port and BCDC took place in February and March. Meetings with Historic and Planning Commissions' staff will begin in April.

DPW selected a consultant to perform Materials Testing and Special Inspection for the Neighborhood Fire Stations and is expected to start work in June.

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 for the planning study is due by November.

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

Planning work continued to evaluate potential locations for the construction of new cisterns and to prioritize repair of existing cisterns. Design of new cisterns and investigations of repair cisterns started.

Budget

The ESER has expended \$25,696,988 through March. The expenditures are as follows: \$18,025,552 for the Public Safety Building; \$3,669,081 for the NFS; \$3,237,423 for AWSS; and \$764,932 for Bond Issuance Costs. The expenditures are consistent with our spend-down forecast and are within budget.

Two Resolutions, Files 11-1344 and 11-1333, authorizing the sale and appropriation of \$192,000,000 respectively, were approved by the Mayor on February 2, 2012. The proceeds of the sale were appropriated in March. The breakdown of the proceeds is discussed in the Budget, Funding Expenditures section of this report.

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. Additional detailed information is available under the Neighborhood Fire Stations & Support Facilities 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 A/E Teams completed 60% of the Construction Documents for the Public Safety Building in February and 50% Construction Documents for Fire Station #30 in March. Quality Control and Quality Assurance checks continue on both projects to ensure that the project is on schedule and within budget. A major milestone, approval of Site Permit and Addendum #1 (for Piles) 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.

Project Schedule:

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.

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
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

Project Budget: Refer to the Budget, Funding and Expenditures on Page 10.

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 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. The corresponding budget of \$64 million is preliminarily budgeted as follows:

Project Status: SFFD confirmed baseline slate of projects to be completed in ESER1 on February 29, 2012 as scheduled.

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. See list of approved projects which follows.

**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	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.

Focused Scope: SFFD has approved scope delivery methods including Micro LBE set-aside work, work performed by DPW BBR, and contracts bid to the B license community. Three Group I prototype shower projects at Stations 6, 15 and 38 were priced by the JOC Contractor (station 15) and BBR (stations 6 and 38) and will proceed in April 2012. Four roofing projects (of three stations, three stations and four stations respectively) will be bid on a rolling bid schedule from March through early May 2012. Construction is anticipated to begin in May 2012. Six exterior building envelope packages will be bid on a rolling basis in April through May 2012. Construction is anticipated to begin in May 2012.

Seismic and Comprehensive projects: Program for Stations 5 and 16 Replacements were completed on March 30, 2012. Design is scheduled to begin in April 2012. The Structural Report at Station 9 concluded that the seismic need is in fact a medium priority, and not a high priority. High priority stations take precedence for first completion. ESER 1 will complete 50% of the high priority seismic needs. Accordingly, per SFFD direction, Station 9 has been substituted with Station 16, a high priority seismic need neighborhood station. Station 15 is located in the Cow Hollow neighborhood of the City, and when closed its companies will be temporarily housed in the previously identified Focused Scope stations. Pre-Design and cost estimation for this station was completed as scheduled in February 2012, and the replacement station is included in the approved slate of projects. 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 potential 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.

Additional analysis of the ELC completed at SFFD's direction showed that neither 1415 Evans nor Station 9 yard is a cost-effective site for the program as currently envisioned. Per SFFD direction, DPW will study alternative approaches to addressing this project.

Functional Program and Planning Options Analysis draft report for the Fire Boat Station #35 was presented to the Port and subsequently BCDC in March 2012. Meetings with Historic and Planning will begin in April 2012, with follow up meetings with BCDC anticipated thereafter.

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. Group 3 Assessment reports were completed on schedule and SFFD approval was given on February 29, 2012. 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 10.

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 plants.

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. Work primarily included collection of system information, assessment of existing conditions, and creation of system models. 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. The consultant and city staff met with the program's Steering Committee on March 5 and the Technical Oversight Committee on March 9 and 14. The draft project report is due by November 2012.

Physical Plants

The Engineering Management Bureau (EMB) submitted conceptual engineering reports and began design work for Ashbury Tank, Jones Street Tank, Pumping Station 1, and Twin Peaks Reservoir. The results of the conceptual engineering reports were reviewed by the Steering and Technical Oversight Committees. EMB continued Pumping Station 2 conceptual engineering work.

Cisterns

Planning work continued to evaluate potential locations for the construction of new cisterns and to prioritize repair of existing cisterns. Design work began for candidate locations for new cisterns and repair of existing cisterns. Dewatering, cleaning, engineering investigation, professional imaging, and re-filling were completed for 6 of the 19 repair candidates.

Project Schedule:

Refer to the Gantt Chart in Attachment 2.

Project Budget:

Refer to the Budget, Funding and Expenditures on Page 10.

BUDGET, FUNDING AND EXPENDITURES

Budget and Funding

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

Two Resolutions, Files 11-1344 and 11-1333, authorizing the second sale and appropriation of \$192,000,000 respectively, were approved by the Mayor on February 2, 2012. The total proceeds of \$183,330,000 from the second sale were allocated as follows:

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
Oversight, Accountability and Cost of Issuance	6,900,000	899,390	1,635,114	2,649,504	4,250,496
Total	412,300,000	79,520,000	183,330,000	262,965,000	149,335,000

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 \$11,782,743 would be necessary to supplement the remainder of the component.

The budget for Neighborhood Fire Stations & Support Facilities is \$64,000,000. The appropriation of \$24,701,310 reflects the proceeds of the first and second bond sales. As mentioned 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. 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 \$72,129,000. One or more future sales totaling \$39,298,690 would be necessary to supplement the remainder of the component.

The budget AWSS is \$102,400,000. An appropriation of \$8,396,929 was allocated from the proceeds from the First Bond Sale. One or more future sales totaling \$94,003,072 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 appropriation of \$2,649,504 reflects the proceeds of the first and second bond sales. These changes are reflected in Attachment 1 – Program Budget Report.

Expenditures

The City Job Orders and Encumbrances through March 31, 2012 are \$64,411,455 which represents 15% of the Budget or 25% of the first and second bond sales. The expenditures through March 31, 2012 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 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 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 – TIMELINE AND SCHEDULE

EARTHQUAKE SAFETY EMERGENCY RESPONSE BOND PROGRAM

Timeline and Schedule

Description	BUDGET	Schedule		FY 10/11				FY 11/12				FY 12/13				FY 13/14				FY 14/15				FY 15/16				FY 16/17				FY 17/18				FY 18/19			
		Start	Completion	2010		2011		2011		2012		2012		2013		2013		2014		2014		2015		2015		2016		2016		2017		2017		2018		2018		2019	
				1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.				
PUBLIC SAFETY BUILDING Original/Baseline Budget	239,000,000	10/01/10	03/31/14	6,880,000 programming/schematic design phase				22,360,000 design phase				209,760,000 construction, construction administration & warranty phase				Substantial Completion 03/31/14																							
Current/Approved	239,000,000																																						
Current/Projected	239,000,000																																						
Actual	18,025,552			18,025,552																																			
NEIGHBORHOOD FIRE STATIONS FOCUSED SCOPE Budget	12,384,984	10/17/11	08/15/14					999,799				11,385,185																											
Current/Approved	12,384,984	10/17/11	08/15/14																																				
Current/Projected	12,384,984	10/17/11	08/15/14																																				
Actual	1,096,583	01/01/09	03/31/12	1,096,583																																			
COMPREHENSIVE: STATION 36 Baseline Budget	3,303,737	03/01/12	07/31/14					843,737				2,460,000																											
Current/Approved	3,303,737																																						
Current/Projected	3,303,737																																						
Actual	0																																						
SEISMIC: STATION 5 (New 2-story) Baseline Budget	8,595,388	03/01/12	11/13/17					2,115,388				6,480,000																											
Current/Approved	8,595,388	03/01/12	11/13/17																																				
Current/Projected	8,595,388	03/01/12	11/13/17																																				
Actual (Expenditures)	0																																						
SEISMIC: STATION 9 UTILITY ISOLATION Baseline Budget	200,000																																						
Current/Approved	200,000																																						
Current/Projected	200,000																																						
Actual	0																																						
SEISMIC: STATION 16 (New 2-story) Baseline Budget	6,685,302	03/01/12	01/20/16					1,645,302				5,040,000																											
Current/Approved	6,685,302																																						
Current/Projected	6,685,302																																						
Actual	0																																						
NEW PIER FIRE BOAT HEADQUARTERS Baseline Budget	21,623,767	04/04/12	10/20/17					5,321,767				16,302,000																											
Current/Approved	21,623,767	04/04/12	10/20/17																																				
Current/Projected	21,623,767																																						
Actual	46,637			46,637																																			
EQUIPMENT LOGISTICS CENTER Baseline Budget	2,534,687	03/01/12	08/27/15					2,534,687																															
Current/Approved	2,534,687																																						
Current/Projected	2,534,687																																						
Actual	0																																						

EARTHQUAKE SAFETY EMERGENCY RESPONSE BOND PROGRAM

Timeline and Schedule

Description	BUDGET	Schedule Start Completion		FY 10/11				FY 11/12				FY 12/13				FY 13/14				FY 14/15				FY 15/16				FY 16/17				FY 17/18				FY 18/19							
				2010		2011		2011		2012		2012		2013		2013		2014		2014		2015		2015		2016		2016		2017		2017		2018		2018		2019					
				1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.				
3/31/2012																																											
PROGRAM-WIDE SOFT COSTS & PROGRAM RESERVE																																											
Baseline Budget	16,246,823	10/17/11	11/13/17																																								
Current/Approved	16,246,823																																										
Current/Projected	16,246,823																																										
Actual	2,519,002																																										
FIRE BOAT SLAB REPAIR (Non-ESER1 related)																																											
Pre-Baseline Budget	254,312																																										
Current/Approved	254,312																																										
Current/Projected	254,312																																										
Actual	6,859																																										
FIRE STATION NO. 1 FF&E (Non-ESER1 related)																																											
Pre-Baseline Budget	300,000	06/01/12	08/01/15																																								
Current/Approved	300,000																																										
Current/Projected	300,000																																										
Actual	0																																										
NEIGHBORHOOD FIRE STATIONS																																											
Original/Baseline Budget	72,129,000	10/01/10	09/30/16																																								
Current/Approved	72,129,000																																										
Current/Projected	72,129,000																																										
Actual	3,669,081																																										
PUBLIC UTILITIES COMMISSION / AUXILIARY WATER SUPPLY SYSTEM (AWSS)																																											
PRE-BOND PLANNING AND DEVELOPMENT																																											
Original/Baseline Budget	1,316,963	07/01/09	12/31/10																																								
Current/Approved	1,316,963																																										
Current/Projected	1,316,963																																										
Actual	1,316,963																																										
AWSS JONES STREET TANK																																											
Original/Baseline Budget	6,413,881	08/01/11	01/27/12																																								
		01/30/12	02/25/13																																								
		02/26/13	06/30/15																																								
Current/Approved	6,413,878																																										
Current/Projected	6,413,878																																										
Actual	254,355																																										
AWSS ASHBURY HEIGHTS TANK																																											
Original/Baseline Budget	5,821,830	07/25/11	02/29/12																																								
		02/29/12	02/26/13																																								
		02/26/13	10/28/15																																								
Current/Approved	5,821,830																																										
Current/Projected	5,821,830																																										
Actual	182,252																																										

EARTHQUAKE SAFETY EMERGENCY RESPONSE BOND PROGRAM

Timeline and Schedule

Description	BUDGET	Schedule Start Completion		FY 10/11				FY 11/12				FY 12/13				FY 13/14				FY 14/15				FY 15/16				FY 16/17				FY 17/18				FY 18/19			
				2010		2011		2011		2012		2012		2013		2013		2014		2014		2015		2015		2016		2016		2017		2017		2018		2018		2019	
				1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.				
FIRE FIGHTING CISTERNS - CONTRACT NO. 4																																							
Original/Baseline Budget	10,656,909	10/3/2011	4/2/2012																																				
		4/3/2012	4/17/2014											1,976,000																									
		10/16/2014	4/19/2017																																				
Current/Approved	10,656,909																																						
Current/Projected	10,656,909																																						
Actual	0																																						
FIRE FIGHTING PIPES AND TUNNELS - AWSS MODERNIZATION CIP STUDY																																							
Original/Baseline Budget	3,000,000	5/2/2011	9/30/2013																																				
Current/Approved	3,000,000																																						
Current/Projected	3,000,000																																						
Actual	491,762																																						
FIRE FIGHTING PIPES AND TUNNELS - CONTRACT NO. 1																																							
Original/Baseline Budget	9,443,275	10/3/2011	3/1/2013																																				
		3/4/2013	3/2/2015																																				
		3/3/2015	9/15/2017																																				
Current/Approved	9,443,275																																						
Current/Projected	9,443,275																																						
Actual	201,814																																						
FIRE FIGHTING PIPES AND TUNNELS - CONTRACT NO. 2																																							
Original/Baseline Budget	9,443,275	10/3/2011	3/1/2013																																				
		3/4/2013	4/1/2015																																				
		8/31/2015	4/6/2018																																				
Current/Approved	9,443,275																																						
Current/Projected	9,443,275																																						
Actual	0																																						
FIRE FIGHTING PIPES AND TUNNELS - CONTRACT NO. 3																																							
Original/Baseline Budget	9,729,225	10/3/2011	3/1/2013																																				
		3/4/2013	9/30/2015																																				
		3/9/2016	9/26/2018																																				
Current/Approved	9,729,225																																						
Current/Projected	9,729,225																																						
Actual	0																																						
AUXILIARY WATER SUPPLY SYSTEM (AWSS) SUB-TOTAL																																							
Original/Baseline Budget	102,400,000																																						
Current/Approved	102,400,000																																						
Current/Projected	102,400,000																																						
Actual	3,237,423																																						

3/31/2012

EARTHQUAKE SAFETY EMERGENCY RESPONSE BOND PROGRAM

Timeline and Schedule

Description	BUDGET	Schedule Start Completion		FY 10/11				FY 11/12				FY 12/13				FY 13/14				FY 14/15				FY 15/16				FY 16/17				FY 17/18				FY 18/19													
				2010		2011		2011		2012		2012		2013		2013		2014		2014		2015		2016		2016		2017		2017		2018		2018		2019													
				1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.														
3/31/2012																																																	
BOND OVERSIGHT/ACCOUNTABILITY																																																	
Original/Baseline Budget	6,900,000																																																
Current/Approved	6,900,000																																																
Current/Projected	6,900,000																																																
Actual	764,932																																																
ESER TOTAL																																																	
Original/Baseline Budget	420,429,000	10/01/10	08/31/17																																														
Current/Approved	420,429,000																																																
Current/Projected	420,429,000																																																
Actual	25,696,986																																																

Legend:

- Programming/Schematic Design Phase/ Pre- Design
- Design Development Phase
- Construction and Construction Administration
- Actual (Expenditures)

Prepared by the Department of Public Works
Revised 04/10/12

ATTACHMENT 3 – CONTACT INFORMATION

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