



Earthquake Safety and Emergency Response Bond Program

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

Citizens General Obligation Bond Oversight Committee

September 30, 2011

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EXECUTIVE SUMMARY

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

Interviews of five proposer teams were held for Materials Testing and Special Inspection in September with determination of two selected proposers to occur in October.

Public Safety Building

100% Design Development completion, with publications in two parts – mid-August [on Core and Shell, site, plan layout] and October [on Room data, MEP, final plan layout].

Groundbreaking Ceremony was held on September 8, 2011.

Two separate MOUs between DPW and SFFD and SFPD are under development.

Neighborhood Fire Stations & Support Facilities

Group 1 and 2 project scoping is complete. The first four roof projects began construction in September 2011, and the shower projects are in design. Group 3 reports were completed September 2011 and have been reviewed by SFFD. Cost estimates for this scope are due in November 2011.

Fire Department forwarded the draft project description/program for the upgraded Fire Boat Station planned at Pier 22 ½ which the Fire Department has exchanged with the Port Planning staff. On June 23, 2011 the San Francisco Fire Commission unanimously approved the concept of a new concrete pier and boathouse structure. The planned new facility would include a concrete pier of sufficient size to berth three fire boats and to house a boat maintenance facility and dormitory for the crew. SFFD has received official concurrence of the concept from the San Francisco Port Director. DPW is beginning project programming following this site approval. Initial programming session was held in September 2011.

Auxiliary Water Supply System

San Francisco Water Power Sewer (SFWPS) finalized contract documents with AECOM/AGS Joint Venture for Planning Support Services for the Auxiliary Water Supply System (AWSS) following SF Public Utilities Commission approval on September 13. The project initiation meeting is scheduled for October 14.

The SFWPS Engineering Management Bureau (EMB) began conceptual engineering work for AWSS Ashbury Tank, Jones Street Tank, Pumping Station 1, Pumping Station 2, and Twin Peaks Reservoir. Consultant task orders were also issued for geotechnical investigations at these sites. Cleaning operations continued at the reservoir, which will allow engineering investigation of the structure.

A final draft of the feasibility study for sediment removal from the interiors of the seawater tunnels at AWSS Pumping Stations 1 and 2 was submitted for review.

Initial planning sessions were conducted to evaluate potential locations for constructing new cisterns.

Budget

The ESER has expended \$19,837,192 through September 30, 2011. Out of the \$19,837,192, \$10,482,876 is for the Public Safety Building; \$2,078,317 is for the NFS; \$1,727,662 is for AWSS; \$641,367 is for Bond Issuance Costs and \$4,906,970 for operating transfer outs such as debt service. The expenditures are consistent with our spend-down forecast and are within budget.

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 project of approximately 290,000 square feet includes, a police station, a police command center headquarters, a fire station, and adaptive reuse of Fire Station #30 to provide for multi-use by 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.

Project Background: The functionality of the entire police department in the event of a major catastrophe relies on the ability of the police leadership 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. Services they provide include being the first to arrive at a crime scene, maintaining the peace during difficult situations, assisting in the investigation of criminal activity; providing support to other first responders including the Fire Department, the Medical Examiner and Crime Scene Investigation (CSI).

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.

Project Status:

The 100% Design Development milestone is completed in two parts: mid-August publication pertains to core & shell, sitework, and plan layout; anticipated October publication will include MEP, room data, and final plan layout.

Coordination with Mission Bay Development Group (MBDG) to establish an agreement to allow access to Block 9 and 9A for a staging area for the PSB project, and to establish respective roles and responsibilities regarding the public right-of-way.

The San Francisco Arts Commission’s (SFAC) Visual Arts Committee approved conceptual design at its September 21 meeting, for the proposed art at the Police HQ Lobby and the SE Plaza. There is on-going discussion between SFAC, the artist, and design team to further refine goals and expectation for Art at FS#4.

A Building Permit Pre-application meeting with DBI occurred on August 29 and confirmed design intent to be in conformance with applicable codes. Project team anticipates submitting Site Permit in early October.

The Trade package procurement process - pre-qualification, RFQ advertisement and application scoring, RFP issuance, pre-bid meetings, and bid openings – is underway for various work, including dewatering, clear & grub, excavation, site utility removal/relocation, surveying, driven piles, temp. electric, shoring, and curtainwall.

Project Schedule:

Groundbreaking Ceremony was held on September 8 and it was a successful event, attended by the Mayor, SFPD and SFFD chiefs, Directors and staff from various agencies, and the public.

Buyout Package	Trades	RFP Dist. Date
#1	Potholing, Fencing	May 24, 2011
#2	Shoring	July 26, 2011
	Surveying	August 24, 2011
#3	Alternative Pile Testing	August 4, 2011
	Dewatering	August 5, 2011
#4	Design Build Curtain Wall/Glazing/ Screen/ support system/ Skylights; Site Security System	August 6, 2011
#5	Clear & Grub, Excavation; Window Washing Equipment	August 29, 2011
	Site Utility Removal/ Relocation; Temp Electrical	August 6, 2011
#6	Fire Sprinkler DB; Piles	December 9, 2011
#7	Below Grade Waterproofing; Structural Concrete; Rebar; Structural Steel	January 30, 2012
	Manhoist; Elevator	March 28, 2012
#8	Fire Proofing; Framing/Drywall; Roofing	June 23, 2012
	Misc Metals; Stairs	April 23, 2012
#9	Remaining Trades; Fire Station #30; MEP; Site Barrier Equipment	July 31, 2012

Construction will begin December 2011 with Substantial Completion expected in March 2014.

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 has reviewed DPW and consultant team Assessment Reports for each of the fourteen Group 1 and Group 2 Stations. SFFD has chosen to proceed with design and construction of first four roof replacements at Stations 6, 38, 41 and 42. SFFD will evaluate and approve complete recommended scope packages when the Group 3 project Assessment Reports and cost estimates are completed.

The Group 3 Comprehensive and Seismic project surveys were completed by the DPW and consultant team in July 2011. Reports were completed and presented to SFFD for review and comment on September 28, 2011 and cost estimating is underway.

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 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.

Design for the first four roof projects at Stations #6, #38, #41, and #42 was completed on July 29, 2011. In August DPW completed review for permitting with the Department of Building Inspection and completed pricing and contracting with the contractor. Construction began at Station 6 on September 26, 2011 with construction to begin at Stations 38, 41, and 42 on a rolling basis immediately following.

Project Schedule: As noted above, detailed investigations and scope definition were performed during the first six months of 2011 to clearly define the scope of work and cost at each Group 1 and 2 facilities. 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 are scheduled to be complete on September 30, 2011 with cost estimation to follow in October 2011.

Construction of the first four roofs at Stations #6, #38, #41, and #42 is proceeding in September 2011 as scheduled.

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 AWSS cisterns, pipelines, tunnels, and physical plants. The program budget follows.

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: Most of the work is in the planning phase for cisterns, pipelines, tunnels, and physical plants, as follows.

Planning - Cisterns, Pipelines, and Tunnels

A contract was awarded to AECOM/AGS Joint Venture for Planning Support Services for the AWSS following San Francisco Public Utilities Commission approval on September 13. The consultant team's deliverables will define a preferred repair, improvement, and expansion strategy and a capital improvement program for the AWSS cisterns, pipelines, and tunnels to increase seismic reliability and fire-protection water delivery. The project initiation meeting is scheduled for October 14, 2011.

A Technical Advisory Panel will assist SFWPS with the review of the planning consultant's work products. The panel will consist of Professors Thomas O'Rourke and Charles Scawthorn. Their extensive experience includes work with the AWSS and in the broader seismic lifeline reliability and fire propagation fields.

Physical Plants

The SFWPS Engineering Management Bureau (EMB) proceeded with conceptual engineering work for Ashbury Tank, Jones Street Tank, Pumping Station 1, Pumping Station 2, and Twin Peaks Reservoir. Consultant task orders were issued for geotechnical investigations to GTC, Inc. for Jones Street Tank, Pumping Station 1, and Twin Peaks Reservoir. Consultant task orders were issued for geotechnical investigations to AGS for Ashbury Tank and Pumping Station 2. A task order was issued for materials testing at Twin Peaks Reservoir. Proposals were received from the Department of Public Works (DPW) for architectural services at Jones Street Tank and Pumping Station 2. DPW proposals were also received for structural engineering services for a new manhole on the Pumping Station 2 seawater intake tunnel and for Twin Peaks Reservoir shafts and tunnels planning work.

City divers continued removing accumulated debris from Twin Peaks Reservoir, which is needed to allow structural engineering investigation of the reservoir liner and dividing wall.

Plans for a new 16" diameter supply pipe from the Summit Reservoir gravity discharge line to Twin Peaks Reservoir were completed and sent to City Distribution Division to develop a construction cost proposal.

Seawater Tunnels

For both Pumping Stations 1 and 2 tunnels, disposal is acceptable for sediments in standard landfill or recycling facilities and sediment removal process water into the city's combined sewer system. A final draft of consultant SAIC's report is being reviewed. Contractor task order proposal for sediment removal will be solicited and the environmental permitting process will be initiated in early October.

Cisterns

Four planning sessions were conducted to evaluate over 90 potential locations for the construction of new cisterns. Attendees included Fire Department, City Distribution Division, Bureau of Environmental Management, Engineering Management Bureau, Waste Water Engineering, Communications, Project Management Bureau, PG&E, and AT&T. Each site is being evaluated for fire department operational benefits, utility conflicts, cultural resources, and several other criteria. Archeologist review of potential sites was obtained. Additional sessions will be conducted and the location evaluations will be provided to AECOM/AGS for further investigation.

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 ESER Bond Program is \$412,300,000. The Program received \$79,520,000 from the proceeds of the First Bond Sale. The Department of Public Works is requesting the sale of a second series of general obligation bonds (Second Bond Sale) totaling \$214,535,000.

The following is a summary of the budget and funding per component.

Public Safety Building	Budget	First Bond	Second Bond	Total	Future Sales
Schematic/Pre-Design	6,875,129	6,880,000	(4,871)	6,875,129	-
Design	22,775,827	11,318,322	11,357,505	22,675,827	100,000
Construction Administration	14,415,929	1,058,462	10,774,202	11,832,664	2,583,265
Construction	194,933,115	47,339,500	138,494,137	185,833,637	9,099,478
Public Safety Building	239,000,000	66,596,284	160,620,973	227,217,257	11,782,743

Neighborhood Fire Stations	Budget	First Bond	Second Bond	Total	Future Sales
Schematic/Pre-Design	2,728,500	2,172,500	556,000	2,728,500	-
Design	6,970,500	1,454,897	2,616,605	4,071,502	2,898,998
Construction Admin	5,791,000		2,981,309	2,981,309	2,809,691
Construction	48,510,000		14,920,000	14,920,000	33,590,000
Neighborhood Fire Stations	64,000,000	3,627,397	21,073,913	24,701,310	39,298,690

Auxiliary Water Supply System	Budget	First Bond	Second Bond	Total	Future Sales
Schematic/Pre-Design	7,004,000	5,741,638	1,000,150	6,741,788	262,212
Design	12,012,000	2,655,291	5,125,933	7,781,224	4,230,776
Construction Admin	10,679,000		1,985,789	1,985,789	8,693,211
Construction	72,705,000		23,393,754	23,393,754	49,311,246
Auxiliary Water Supply System	102,400,000	8,396,929	31,505,626	39,902,555	62,497,445

Project Use	405,400,000	78,620,610	213,200,512	291,821,122	113,578,878
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Other Costs					
Controller's Audit Fund	810,800	157,241	426,400	583,641	227,159
Citizens GOB Oversight Committee	405,400	79,520	214,535	294,055	111,345
Cost of Issuance	5,683,800	450,676	476,755	927,431	4,756,369
Underwriter's Discount		211,953	214,535	426,488	(426,488)
Bond Account			2,262	2,262	(2,262)
Others Costs	6,900,000	899,390	1,334,487	2,233,877	4,666,123

Total ESER	412,300,000	79,520,000	214,535,000	294,055,000	118,245,000
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The budget PSB is \$239,000,000. An appropriation of \$66,596,284 was allocated from the proceeds of the First Bond Sale. The Second Bond Sale of \$160,620,973 would increase the appropriation to \$227,217,257. A future sale of \$11,782,743 would fund the remainder of the component. In this quarter, the appropriation was reduced by \$3,500,000 from \$66,596,284 to \$62,546,277 and transferred to the NFS. Once the proceeds of the Second Bond Sale are received, the \$3,500,000 will be re-appropriated to the PSB. The remaining \$62,546,277 is sufficient to fund current contracts and future trade package buyouts. These changes are reflected in Attachment 1 – Program Budget Report.

The budget for the NFS is \$64,000,000. An appropriation of \$3,627,397 was allocated from the proceeds of the First Bond Sale. The Second Bond Sale of \$31,505,626 would increase the appropriation to \$39,902,555. One or more future sales totaling \$62,497,445 would be necessary to supplement the remainder of the component. The appropriation increased by \$3,500,000 from \$3,627,397 to \$7,127,398 to allow the project manager to award construction contracts in the Fall 2011. Once the proceeds from the Second Bond Sale are received, the \$3,500,000 will be returned to PSB. These changes are reflected in Attachment 1 – Program Budget Report.

The budget AWSS is \$102,400,000. An appropriation of \$8,396,929 was allocated from the proceeds from the First Bond Sale. The Second Bond Sale of \$31,505,626 would increase the appropriation to \$39,902,555. One or more future sales totaling \$62,497,445 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. An appropriation of \$899,390 was allocated from the proceeds from the First Bond Sale. The estimated costs associated with the Second Bond Sale are \$1,334,487 and would increase the appropriation to \$2,231,615.

Expenditures

The expenditures and encumbrances through September 30 are \$21,502,070 which represents about 5.22% of the Budget:

Component	Expenditures &		Percentage of Budget
	Budget	Encumbrance	
Component			
Public Safety Building	\$239,000,000	\$11,207,195	2.72%
Neighborhood Fire Stations	\$64,000,000	\$3,103,035	0.75%
Auxiliary Water Supply System (AWSS)	\$102,400,000	\$1,643,503	0.40%
Oversight, Accountability & Cost of Issuance	\$6,900,000	\$641,367	0.16%
Other Costs	\$0	\$4,906,970	1.19%
Total	\$412,300,000	\$21,502,070	5.22%

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 09/30/11**

The amounts under the "Baseline Budget" for the Neighborhood Fire Stations and the Auxiliary Water Supply System (AWSS) projects are place holders owing the need to sufficiently develop the projects to a level where baseline budgets can be reliably offered and will serve as the basis for measuring accountability going forward.

Status	Project	Category	Baseline Budget	Appropriated	Reserve	FAMIS		Balance
						Expended	Encumbrance	
PUBLIC SAFETY BUILDING								
DESIGN	PUBLIC SAFETY BUILDING							
DEVELOPMENT	(CESER1 PS; 7400A & 7410A)	Soft Costs	41,619,000	63,096,284		10,482,876	724,319	51,889,089
		Construction	168,100,000					0
		Project Contingency	29,281,000					0
		Subtotal	239,000,000	63,096,284⁽¹⁾	0	10,482,876	724,319	51,889,089
NEIGHBORHOOD FIRE STATIONS								
Pre-Bond	PROGRAMMING AND PROJECT DEVELOPMENT							
	(CESER1 FS20; Job Order 7420A)	Soft Costs	1,015,668	1,015,668		1,015,668		0
		Construction						0
		Project Contingency						0
		Subtotal	1,015,668	1,015,668	0	1,015,668	0	0
	SEISMIC IMPROVEMENT PROJECTS:							
PLANNING	Stations 5							
	(CESER1 FS21; Job Order 7421A)	Soft Costs	1,579,460	5,000				5,000
		Construction	5,340,000					0
		Project Contingency	TBD					0
		Subtotal	6,919,460	5,000	0	0	0	5,000
PLANNING	Station 22							
	(CESER1 FS22; Job Order 7422A)	Soft Costs	1,220,492	5,000				5,000
		Construction	4,140,000					0
		Project Contingency	TBD					0
		Subtotal	5,360,492	5,000	0	0	0	5,000
PLANNING	Station 43							
	(CESER1 FS23; Job Order 7423A)	Soft Costs	1,935,616	5,000				5,000
		Construction	6,390,000					0
		Project Contingency	TBD					0
		Subtotal	8,325,616	5,000	0	0	0	5,000
PLANNING	Station 35 Fire Boat Headquarters							
	(CESER1 FS24; Job Order 7424A)	Soft Costs	4,146,085	5,000				5,000
		Construction	15,380,000					0
		Project Contingency	TBD					0
		Subtotal	19,526,085	5,000	0	0	0	5,000
PLANNING	Equipment Logistics Center							
	(CESER1 FS25; Job Order 7425A)	Soft Costs	2,485,856	5,000				5,000
		Construction	9,230,000					0
		Project Contingency	TBD					0
		Subtotal	11,715,856	5,000	0	0	0	5,000

Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
	COMPREHENSIVE RENOVATION PROJECTS:							
PLANNING	Station 2 (CESER1 FS26; Job Order 7426A)	Soft Costs	843,576	5,000				5,000
		Construction	2,860,000					0
		Project Contingency	TBD					0
		Subtotal	3,703,576	5,000	0	0	0	5,000
PLANNING	Station 36 (CESER1 FS27; Job Order 7427A)	Soft Costs	601,272	5,000				5,000
		Construction	2,030,000					0
		Project Contingency	TBD					0
		Subtotal	2,631,272	5,000	0	0	0	5,000
	FOCUSED SCOPE PROJECTS:							
PLANNING	Stations 6, 13, 15, 17, 18, 28, 38, 40, 41, 42, 44 (CESER1 FS28, Job Order 7428A)	Soft Costs	891,463	5,000				5,000
		Construction	2,316,320					0
		Project Contingency	TBD					0
		Subtotal	3,207,783	5,000	0	0	0	5,000
PLANNING	PROGRAMMING AND PROJECT DEVELOPMENT (CESER1 FS30, Job Order 7430A)	Soft Costs	531,225	5,008,761		1,056,224	201,038	3,751,499
		Construction						0
		Project Contingency						0
		Subtotal	531,225	5,008,761	0	1,056,224	201,038	3,751,499
PLANNING	FIRE STATIONS - GROUP 1 ROOFING (CESER1 FS31, Job Order 7431A)	Soft Costs	239,288	239,288		6,425		232,863
		Construction	823,680	823,680			677,303	146,377
		Project Contingency						0
		Subtotal	1,062,968	1,062,968	0	6,425	677,303	379,240
PLANNING	NEIGHBORHOOD FIRE STATIONS SUMMARY (CESER1 FS)	Soft Costs	15,490,000	6,303,717	0	2,078,317	201,038	4,024,362
		Construction	48,510,000	823,680	0	0	677,303	146,377
		Project Contingency	TBD	TBD	TBD	TBD	TBD	TBD
		Subtotal	64,000,000	7,127,397 ⁽²⁾	0	2,078,317	878,341	4,170,739

Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
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		0
		Construction	0					0
		Project Contingency						0
		Subtotal	1,316,963	1,316,963	0	1,316,963	0	0
AUXILIARY WATER SUPPLY SYSTEM (AWSS)								
PLANNING	Jones Street Tank	Soft Costs	2,076,468	493,362		43,144		450,218
		Construction	4,337,415					0
		Project Contingency						0
		Subtotal	6,413,883	493,362	0	43,144	0	450,218
PLANNING	Ashbury Heights Tank	Soft Costs	1,918,310	274,099		26,711		247,388
		Construction	3,903,520					0
		Project Contingency						0
		Subtotal	5,821,830	274,099	0	26,711	0	247,388
PLANNING	Twin Peaks Reservoir	Soft Costs	1,566,210	245,575		65,788		179,787
		Construction	2,676,819					0
		Project Contingency						0
		Subtotal	4,243,029	245,575	0	65,788	0	179,787
PLANNING	Pump Station No. 2	Soft Costs	4,504,461	2,130,617		31,087		2,099,530
		Construction	9,507,401					0
		Project Contingency						0
		Subtotal	14,011,862	2,130,617	0	31,087	0	2,099,530
PLANNING	Pump Station No. 1	Soft Costs	1,042,584	190,000		33,699		156,301
		Construction	2,411,044					0
		Project Contingency						0
		Subtotal	3,453,628	190,000	0	33,699	0	156,301

Status	Project	Category	Baseline Budget	Appropriated	Reserve	FAMIS		Balance
						Expended	Encumbrance	
PLANNING	FIREFIGHTING CISTERNS Contract No. 1	Soft Costs	1,184,836	546,312		45,454		500,858
		Construction	2,367,467					0
		Project Contingency						0
		Subtotal	3,552,303	546,312	0	45,454	0	500,858
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
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				3,000,000
		Construction						0
		Project Contingency						0
		Subtotal	3,000,000	3,000,000	0	0	0	3,000,000
PLANNING	Contract No. 1	Soft Costs	2,637,146	200,000		164,816		35,184
		Construction	6,806,129					0
		Project Contingency						0
		Subtotal	9,443,275	200,000	0	164,816	0	35,184
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	1,727,662	0	6,669,266
	Construction	69,148,915	0	0	0	0	0	0
	Project Contingency	0	0	0	0	0	0	0
	Subtotal	102,400,000	8,396,928	0	1,727,662⁽³⁾	0	6,669,266	

Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
ESER								
		Soft Costs	90,360,085	77,796,929	0	14,288,855	925,357	62,582,717
		Construction	285,758,915	823,680	0	0	677,303	146,377
		Project Contingency	29,281,000	0	0	0	0	0
		Subtotal	405,400,000	78,620,609	0	14,288,855	1,602,660	62,729,094
BOND OVERSIGHT/ACCOUNTABILITY			6,900,000	236,762				236,762
BOND COST OF ISSUANCE				662,629 ^(4a)		641,367 ^(4a)		
TOTAL BOND PROGRAM			412,300,000	79,520,000	0	14,930,222	1,602,660	62,965,856
Other Costs			0	4,906,970 ^(4b)		4,906,970 ^(4b)		0
TOTAL BOND PROGRAM			412,300,000	84,426,970 ^(4c)	0	19,837,192	1,602,660	62,965,856

(1) The appropriation for Public Safety Building was reduced by \$3,500,000 from \$66,596,284 to \$63,096,284 and the funds were re-appropriated under the Neighborhood Fire Stations Component. Once the proceeds of the Second Bond Sale are received, the \$3,500,000 will be re-appropriated to the Public Safety Building. The remaining \$62,546,277 is sufficient to fund current contracts and future trade package buyouts.

(2) The appropriation increased by \$3,500,000 from \$3,627,398 to \$7,127,398 to enable the project manager to award construction contracts in the Fall 2011. Once the proceeds from the Second Bond Sale are received, the \$3,500,000 will be re-appropriated to the Public Safety Building.

(3) Per FAMIS Fiscal Month 03 2012 (September 2011), the actual for the program is \$26,506,458. The variance from our report is as follows:

(a) Plus the transfer out to PUC AWSS is shown as actual (0935W OTO TO 5W-WATER DE)

19,837,192

(b) Less \$326,540 for actuals per FAMIS Project structure CUW AWS AW

8,396,928

(c) Less \$1,316,963 for forecasted pre-bond expenditures not yet posted in FAMIS

(410,699)

(d) Total FAMIS Fiscal Month 03 2012 (September 2011)

(1,316,963)

26,506,458

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

(a) added underwriters discount \$211,953 to 07311 BOND ISSUANCE COST

(b) deducted underwriters discount \$211,953 from 0934G OTO TO 4D/GOB-GEN

(5) Per FAMIS Fiscal Month 03 2012 (September 2011), the Budget is \$85,826,970. However, \$1,400,000 is for the SFPD Forensic Services Relocation which was appropriated as part of the CAO FY 11-12. This is not related to the ESER Program.

Prepared by the Department of Public Works, revised 10/25/11

ATTACHMENT 2 – TIMELINE AND SCHEDULE

ATTACHMENT 3 – CONTACT INFORMATION

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