



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

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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.

Public Safety Building

Two teams of consultants have been selected to provide Construction Management Support Services (CMSS) for the Public Safety Building and the Neighborhood Fire Stations. They are Jacobs/Saylor, J.V. for the Neighborhood Fire Stations Projects and Vanir/CM Pros for the Public Safety Building. The City is underway with negotiation of the scope of services and fees.

SF Redevelopment Commission unanimously approved the schematic phase design submittal for the Public Safety Building at its May 17 Commission meeting. In June 2011, the SF Arts Commission's Civic Design Review Committee approved the Phase 2 submittal of the Public Safety Building. The design team has achieved 50% Design Development milestone in June. Cost estimating will follow.

An MOU between DPW and SFFD and SFPD, respectively, is under development.

Neighborhood Fire Stations & Support Facilities

Selected components (roofs and showers) of Group 1 and 2 stations are in design phase. Group 3 stations are in pre-design phase. Architecture and engineering scope walkthroughs were completed at Group 3 stations as scheduled by Thursday, June 30th. Report preparation is underway, with cost estimation of recommended scope to follow.

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 awaits official concurrence of the concept from the San Francisco Port Director. DPW will begin project programming following this site approval.

Auxiliary Water Supply System

San Francisco Water Power Sewer (SFWPS) advertised a Request for Proposals for Planning Support Services for the Auxiliary Water Supply System (AWSS) on May 11. Proposals were received on June 28 and the selection process is underway.

The SFWPS Engineering Management Bureau (EMB) developed task order proposals for alternatives analyses for AWSS Jones Street Tank, Pumping Station 1, and the Twin Peaks Reservoir basin. The proposals are being reviewed. Cleaning operations began at the reservoir, which will allow engineering investigation of the structure.

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

Budget

The ESER has expended \$16,046,378 through June 30, 2011. Out of the \$16,046,378, \$8,660,310 is for the Public Safety Building; \$1,845,379 is for the NFS; \$72,352 is for AWSS; \$561,367 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



View from corner of Third Street and Mission Rock Street

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

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 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's Status: The Public Safety Building total project budget remains aligned with the established \$239 million budget. The bid-day construction budget of \$164 million; other construction-related pertinent costs, such as change order contingency, art enrichment, and, inflation reserve, total approximately \$36 million for an approximate \$200 million construction total. The balance of approximately \$43 million is attributable to the project's development costs, including all design and engineering consulting fees, City project management, construction management services.

The 50% Design Development milestone was achieved in June and cost estimating from the design team and the CM/GC will follow with final reconciliation due in July. The work of this phase will be complete in August 2011.

Discussion with the SF Port/SWL 337 development team for the SWL 337 parcel adjacent to the PSB concluded in part with the determination of a traffic engineering consensus opinion between the City and the SF Port/Development Team on how best to mitigate the possibility of conflict along Mission Rock Street. The street will be widened by 2 feet to create appropriate width traffic lanes that will serve the expected traffic generated by the parking structure to occur on the SWL 337 along the length of Mission Rock Street. The balance of discussion on this matter will address the operational aspects of the parking structure to preclude traffic conflicts along Mission Rock Street. The discussion will yield an agreement to be jointly drafted between the City's Division of Real Estate, the Port of SF and the SWL 337 development team.

The San Francisco Arts Commission's (SFAC) Civic Design Review committee unanimously approved the Schematic Phase design submittal at its Commission meeting on May 17, 2011. Arts Commission Civic Design Review Committee approved Phase 2 design submittal on June 20. The PSB \$3.2M art program is underway; the three art installation locations are: in the police headquarters, fire station, and community-plaza. The interview panel's shortlisted artists were approved by the SFAC and were subsequently briefed on City requirements and the client department expectations, and input was also provided by pertinent community organizations. The artists will subsequently submit proposals for consideration by the SFAC staff, with an eventual presentation to the SFAC Visual Arts' Committee's, that will make a recommendation to the full SFRA Commission.

The San Francisco Redevelopment Agency (SFRA) Commission unanimously approved the Schematic Design at its May 17, 2011 meeting. There is no need to return to the Commission so long as the building design does not markedly vary from what they approved. SFRA staff will monitor this conformance throughout the balance of the project development.

The construction management/general contractor approach to the delivery of construction services requires the management of several trade contracts to be offered for bid between July 2011 and September 2012, with issuance of RFP tentatively scheduled as follows:

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

A Contractors' Outreach Town Hall meeting was held on June 30, 2011 at the Southeast Community Facility to provide updated information on project status, trade bidding schedule, and opportunities for local businesses and workforce participation. Over 75 people attended. Subsequent outreach will occur according to the schedule of RFQs and RFPs described above.

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

Neighborhood Fire Stations & Support Facilities

Background: There are 42 fire stations in San Francisco located strategically in every neighborhood. Hundreds of firefighters inhabit these fire stations every day. While the stations may look updated on the outside, many of the 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. The assessments provided a basis for the Fire Department to objectively prioritize capital improvement projects to most effectively preserve the Department's capacity to deliver timely emergency response services.

The assessment reports were reviewed by cost estimators who prepared estimates of the cost of correcting the conditions noted in the assessments. During the Assessment Phase, a cost estimate for any particular deficiency was based on a number of assumptions, including the estimated scope of work to correct the deficiency, additional work that may be triggered by the repairs, and the context for performing the work, the project delivery method, and whether the building will remain occupied or not during construction. The cost estimates indicate only the overall "order of magnitude" of the various facility deficiencies and relative proportions of various types of work. The usefulness of the estimates in establishing total project costs to correct deficiencies at particular facilities is limited to planning purposes.

Preliminary assessment of the neighborhood fire stations indicate that the sum of all existing deficiencies at the neighborhood fire stations 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 develop a Fire Stations Capital Improvements Plan that will focus the expenditures of this bond towards the most beneficial and cost effective immediate rehabilitation and/or improvement projects.

Project Description: This bond will renovate or replace fire stations to provide improved safety and a healthy work environment for the firefighters. Neighborhood fire stations were selected for repair, rehabilitation, improvement, or replacement based on the criteria described above. In addition, the Fire Department has identified the need to address the substandard facilities currently housing the Bureau of Equipment and the Emergency Medical Services.

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. More detailed investigations and development of conceptual designs are being performed during the first six months of 2011 to clearly define the scope of work, cost and schedule at each individual facility.

The Summary Conditions Table by Station was reviewed with the Fire Department and accepted. As reflected in said Table, 20 fire stations will be included in the Pre-Design Phase: eleven (11) base scope + three (3) alternate Focused Scope projects and five (5) base scope + one (1) alternate Comprehensive / Seismic projects.

The corresponding Fire Station numbers are:

Focused Scope: Fire Stations #6, 13, 15, 17, 18, 28, 38, 40, 41, 42, and 44 are in base scope; Fire Stations #10, #26, and #32 are alternates.

Comprehensive / Seismic: Fire Stations #2, 5, 22, 35, 36, 43 and ELC are in base scope. Fire Station #31 is an alternate.

Projects' Status:

Groups 1 and 2 Pre-Design reports were completed on schedule and were thoroughly reviewed with the Fire Department. Since the needs outweigh the funds available, careful comparative cost-benefit analysis was applied to each station to determine best expenditure of available funds. Scope delivery methods were also identified for the various scopes of work.

Group 3 Pre-Design walk-throughs were completed by DPW and the roofing / waterproofing consultant on June 30, 2011. Cost estimates of recommended scope will follow in August 2011.

The historic resources consultant team completed its preliminary evaluation and DPR reports and on June 8, 2011, DPW submitted the Environmental Evaluation application to City Planning. Four stations were not included in the application since they are identified as potential historic resources: Stations #31, 32, 35, and 44. City Planning requested a detailed evaluation of Stations #5 and #36 as potential contributing elements to a potential Fire Stations historic district.

Fire Stations Capital Improvement Plan:

The ESER 1 bond program is anticipated to complete improvements to 16 of the 42 neighborhood fire stations, as well as the Fire Boat Station and the Equipment Logistics Center, which will consolidate the Bureau of Equipment (currently at 2501 25th Street) with the Emergency Medical Services and Arson Task Force at 1415 Evans, and the corresponding budget of \$64M is preliminarily budgeted as follows:

Category	Fire Stations	Preliminary Budget
Programming and Project Development		\$1.5M
Seismic Improvement Projects	05, 22, 43, Fire Boat Station; Equipment Logistics Center	\$52.0M
Comprehensive Renovation projects	02, 36	\$6.3M
Focused Scope Projects	06, 13, 15, 17, 18, 28, 38, 40, 41, 42, 44	\$4.2M
Total		\$64.0M

These budget numbers should not be construed as the baseline budget. Further delineation of the specific improvements at each fire station is required to establish the baseline budgets that will be appropriate for monitoring the financial status of each project.

Auxiliary Water Supply System (AWSS)

Background: The AWSS 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.

Program 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.

AWSS Physical Plants	\$34.4 M
Cisterns	\$36.0 M
Pipe Network and Tunnels	\$32.0 M
Total	\$102.4 M

These budget numbers should not be construed as the baseline budget. Further delineation of the specific improvements to each element of the AWSS is required to establish the baseline budgets that will be appropriate for monitoring the financial status of each project.

Program Status: Work is entering the alternatives analysis phase for cisterns, pipelines, tunnels, and physical plants, as follows.

Cisterns, Pipelines, and Tunnels Planning

A Request for Proposals for Planning Support Services for the Auxiliary Water Supply System advertised on May 11. The planning consultant team's deliverables will define a preferred repair, improvement, and expansion strategy and a capital improvement program for the AWSS cisterns, pipelines, and seawater tunnels to increase seismic reliability and fire-protection water delivery. This effort will coordinate with the physical plant work described below. Proposals were received on June 28, the selection process is underway, and work commencement is expected by October 2011.

A Technical Advisory Panel will assist SFWPS with the review of the planning consultant's work products. The panel will include individuals having extensive experience with the AWSS and in the broader seismic lifeline reliability and fire propagation fields.

Physical Plants

The SFWPS Engineering Management Bureau (EMB) developed task order proposals for alternatives analyses for Jones Street Tank, Pumping Station 1, and the basin portion of Twin Peaks Reservoir. The proposals are being reviewed.

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

Seawater Tunnels

Consulting firm Science Applications International Corporation (SAIC) started an examination of the best methods and requisite permitting to remove sediment from the interior of the seawater tunnels located at Pumping Stations 1 and 2.

Schedule:

AWSS work is currently in the alternatives analysis phase. Scopes of work, costs, and schedules will be available when the alternatives analyses are completed. Following are key milestones.

- Cisterns, Pipelines, and Tunnels Planning draft report available February 2013.
- Alternatives analyses for Jones Street Tank and Pumping Station 1 completed by July 2012.
- Alternatives analyses for Ashbury Tank, Pumping Station 2, and Twin Peaks Reservoir completed by September 2012.

BUDGET AND FUNDING

• BUDGET

The amounts shown below indicate order-of-magnitude budgets for projects for which the scope of work and baseline budgets and schedules have not yet been established, except for those elements shown in **BOLD**, which indicate the financial program-level budget commitments and the baseline budget for the Public Safety Building.

Description	Total Budget	Schedule	
		Start	Completion
PUBLIC SAFETY BUILDING	239,000,000	10/1/2010	12/31/2013
NEIGHBORHOOD FIRE STATIONS	64,000,000	1/1/2011	9/30/2016
Fire Boat Station	19,526,085	11/1/2010	9/30/2016
Equipment Logistics Center	11,715,856	11/1/2010	9/30/2016
Stations 6, 13, 28, 38, 41, 42	1,941,530	11/1/2010	3/31/2012
Station 5	6,919,461	11/1/2010	1/31/2014
Station 2	3,703,576	11/1/2010	4/31/2013
Station 36	2,631,272	7/1/2012	9/30/2015
Station 44	582,562	11/1/2010	9/30/2012
Station 17	776,407	10/1/2011	7/31/2013
Stations 15, 18 40	970,252	10/1/2011	7/31/2013
Station 43	8,325,616	1/1/2012	2/28/2015
Station 22	5,360,492	10/1/2011	12/31/2014
Programming and Project Development	1,546,893		
SUBTOTAL	303,000,000	10/1/2010	9/30/2016
AUXILIARY WATER SUPPLY SYSTEM (AWSS)	34,400,000	1/1/2011	12/31/2016
Jones Street Tank	6,500,000	1/1/2011	3/31/2014
Ashbury Heights Tank	5,900,000	1/1/2011	12/31/2015
Twin Peaks Reservoir	4,300,000	1/1/2011	6/30/2017
Pump Station No. 2	14,200,000	1/1/2011	9/30/2014
Pump Station No. 1	3,500,000	1/1/2011	3/31/2016

Description	Total Budget	Schedule	
		Start	Completion
FIREFIGHTING CISTERNS	36,000,000	1/1/2011	6/30/2017
Contract No. 1	3,600,000	1/1/2011	12/31/2013
Contract No. 2	10,800,000	5/1/2012	6/30/2016
Contract No. 3	10,800,000	2/1/2013	12/31/2016
Contract No. 4	10,800,000	7/1/2013	6/30/2017
FIREFIGHTING PIPES AND TUNNELS	32,000,000	2/1/2011	8/31/2017
AWSS Modernization CIP Study	3,000,000	2/1/2011	6/30/2012
Contract No. 1	9,570,070	5/1/2012	8/31/2016
Contract No. 2	9,570,070	5/1/2012	2/28/2017
Contract No. 3	9,859,860	5/1/2012	8/31/2017
SUBTOTAL	102,400,000	1/1/2011	8/31/2017
BOND OVERSIGHT/ACCOUNTABILITY/COI	6,900,000	2/1/2011	8/31/2017
Public Safety Building	4,000,000	5/1/2012	8/31/2016
Neighborhood Fire Stations	1,100,000	2/1/2011	6/30/2012
AWSS	1,800,000	5/1/2012	2/28/2017
TOTAL ESER BUDGET	412,300,000	10/1/2010	8/31/2017

• **FUNDING**

Based on the projected budgets and schedules, a plan for four bond sales is anticipated. The strategy for sales is as follows:

Sale	DPW		PUC	Direct Project Costs	CSA Audit	Bond Oversight Cost of Issuance	Total	Total
	Public Safety Building	Neighborhood Fire Stations	AWSS					
First	66,596,284	3,627,397	8,396,929	78,620,610	157,241	742,148	899,389	79,520,000
Second	129,727,564	5,015,831	1,622,071	136,365,465	272,742	2,026,191	2,298,933	138,664,399
Third	39,500,772	13,781,772	25,836,000	79,118,544	232,689	1,752,989	1,985,678	81,104,222
Fourth	3,175,380	41,575,000	66,545,000	111,295,380	148,128	1,567,872	1,716,000	113,011,380
Total	239,000,000	64,000,000	102,400,000	405,400,000	810,800	6,089,200	6,900,000	412,300,000

EXPENDITURE REPORT

Per the City's financial management system, FAMIS, the expenditures to date are \$24,370,954 which includes \$8,396,929 for operating transfer out to AWSS. However, out of the \$8,396,929, only \$72,352 has actually been expended. Therefore, the report in Attachment 1 will reflect an overall expenditure of \$16,046,378 not \$24,370,954 which represents a variance of \$8,324,576.

The ESER has expended \$16,046,378 through June 30, 2011. Out of the \$16,046,378, \$8,660,310 is for the Public Safety Building; \$1,845,379 is for the NFS; \$72,352 is for AWSS; \$561,367 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.

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 06/30/11**

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	Expended	FAMIS Encumbrance	Balance
PUBLIC SAFETY BUILDING								
DESIGN DEVELOPMENT	PUBLIC SAFETY BUILDING (CESER1 PS; 7400A & 7410A)	Soft Costs	41,619,000	\$66,596,284		\$8,660,310	\$11,394,816	46,541,158
		Construction	168,100,000					-
		Project Contingency	29,281,000					-
		Subtotal	239,000,000	66,596,284	0	8,660,310	11,394,816	46,541,158
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		-
		Construction						0
		Project Contingency						0
		Subtotal	1,015,668	\$1,015,668	0	1,015,668	0	0
PLANNING	SEISMIC IMPROVEMENT PROJECTS: 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
PLANNING	COMPREHENSIVE RENOVATION PROJECTS: Station 2 (CESER1 FS26; Job Order 7426A)	Soft Costs	843,576	\$5,000				5,000

Status	Project	Category	Baseline Budget	Appropriated	Reserve	FAMIS		Balance	
						Expended	Encumbrance		
PLANNING	Station 36 (CESER1 FS27; Job Order 7427A)	Construction	2,860,000					0	
		Project Contingency	TBD					0	
		Subtotal	3,703,576	\$5,000	0	0	0	5,000	
		Soft Costs	601,272	\$5,000					5,000
PLANNING	FOCUSED SCOPE PROJECTS: Stations 6, 13, 15, 17, 18, 28, 38, 40, 41, 42, 44 (CESER1 FS28, Job Order 7428A)	Construction	2,030,000					0	
		Project Contingency	TBD					0	
		Subtotal	2,631,272	\$5,000	0	0	0	5,000	
		Soft Costs	1,130,751	\$5,000					5,000
PLANNING	PROGRAMMING AND PROJECT DEVELOPMENT (CESER1 FS30, Job Order 7430A)	Construction	3,140,000					0	
		Project Contingency	TBD					0	
		Subtotal	4,270,751	\$5,000	0	0	0	5,000	
		Soft Costs	531,225	\$2,571,729		\$829,711	208,027		1,533,991
PLANNING	NEIGHBORHOOD FIRE STATIONS SUMMARY (CESER1 FS)	Construction						0	
		Project Contingency						0	
		Subtotal	531,225	\$2,571,729	0	829,711	208,027		1,533,991
		Soft Costs	15,490,000	3,627,397	0	1,845,379	208,027		1,573,991
		Construction	48,510,000	0	0	0	0	0	
		Project Contingency	TBD	TBD	TBD	TBD	TBD	TBD	
		Subtotal	64,000,000	3,627,397	0	1,845,379	208,027		1,573,991
AUXILIARY WATER SUPPLY SYSTEM (AWSS)									
PLANNING	AUXILIARY WATER SUPPLY SYSTEM (AWSS) Jones Street Tank	Soft Costs	1,800,000					0	
		Construction	4,700,000					0	
		Project Contingency						0	
		Subtotal	6,500,000	0	0	0	0	0	
PLANNING	Ashbury Heights Tank	Soft Costs	1,600,000					0	
		Construction	4,300,000					0	
		Project Contingency						0	
		Subtotal	5,900,000	0	0	0	0	0	
PLANNING	Twin Peaks Reservoir	Soft Costs	1,200,000					0	
		Construction	3,100,000					0	
		Project Contingency						0	
		Subtotal	4,300,000	0	0	0	0	0	
PLANNING	Pump Station No. 2	Soft Costs	3,900,000					0	
		Construction	10,300,000					0	
		Project Contingency						0	
		Subtotal	14,200,000	0	0	0	0	0	

Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
PLANNING	Pump Station No. 1	Soft Costs	1,000,000					0
		Construction	2,500,000					0
		Project Contingency						0
	AUXILIARY WATER SUPPLY SYSTEM (AWSS)	Subtotal	3,500,000	0	0	0	0	0
		Soft Costs	9,500,000					0
		Construction	24,900,000					0
		Project Contingency						0
		Subtotal	34,400,000	0	0	0	0	0
<u>FIREFIGHTING CISTERNS</u>								
PLANNING	FIREFIGHTING CISTERNS	Soft Costs	10,000,000					0
		Construction	26,000,000					0
		Project Contingency						0
		Subtotal	36,000,000	0	0	0	0	0
<u>FIREFIGHTING PIPES AND TUNNELS</u>								
PLANNING	FIREFIGHTING PIPES AND TUNNELS	Soft Costs	10,195,000					0
		Construction	21,805,000					0
		Project Contingency						0
		Subtotal	32,000,000	0	0	0	0	0
	AUXILIARY WATER SUPPLY SYSTEM (AWSS)	Soft Costs	29,695,000	\$8,396,929		\$72,352 ⁽¹⁾	\$84,330	8,240,247
		Construction	72,705,000					-
		Project Contingency						-
		Subtotal	102,400,000	8,396,929	0	72,352 ⁽¹⁾	84,330	8,240,247
	ESER	Soft Costs	86,804,000	78,620,610	0	10,578,041	11,687,173	56,355,396
		Construction	289,315,000	0	0	0	0	0
		Project Contingency	29,281,000	0	0	0	0	0
		Subtotal	405,400,000	78,620,610	0	10,578,041	11,687,173	56,355,396
	BOND OVERSIGHT/ACCOUNTABILITY		6,900,000	\$236,761				\$236,761
	BOND COST OF ISSUANCE			\$662,629		\$561,367		
TOTAL BOND PROGRAM			412,300,000	79,520,000	0	11,139,408	11,687,173	56,592,157
Other Costs	Operating Transfer Outs		0	\$4,906,970 ⁽²⁾		\$4,906,970 ⁽²⁾		\$0
TOTAL BOND PROGRAM			412,300,000	84,426,970	0	16,046,378	11,687,173	56,592,157

(1) Per FAMIS Screen 6750 (3C XCF 10A), the budget and actual costs under sub object 0935W is \$8,396,929. However, under project detail CUWAWWS, the actual is \$72,352. Therefore, the variance between FAMIS Screen 6750 and this report is \$8,324,576.

(2) Per FAMIS, the budget and actual for 0934G OTO to 4D/GO is \$5,118,923 which includes \$211,953 for underwriter's discount. The budget and actual is being accounted in the line above as bond cost of issuance.

ATTACHMENT 2 – TIMELINE AND SCHEDULE

ATTACHMENT 3 – CONTACT INFORMATION

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