



City & County of San Francisco
Honorable Edwin M. Lee, Mayor
GSA – Office of the City Administrator
Naomi Kelly, Chief Administrative Officer
Department of Public Works
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Earthquake Safety and Emergency Response Bond Program 2010

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

Accountability Report
April 16, 2014

Submitted by

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EXECUTIVE SUMMARY

The Earthquake Safety and Emergency Response (ESER) Bond Program has three components: the Public Safety Building (PSB), the Neighborhood Fire Stations and Support Facilities (NFS), and Auxiliary Water Supply System (AWSS), with a combined budget of \$412,300,000. The Department of Public Works (DPW) is responsible for managing two components – the PSB and NFS. The San Francisco Public Utilities Commission (SFPUC) manages the AWSS component. DPW and the SFPUC will be requesting approval for a fifth bond sale and corresponding appropriation in the amount of \$55,470,000, which includes cost of issuance, accountability and GOBOC costs. The fifth bond sale would increase the authorized appropriation from \$332,135,000 to \$387,605,000.

The ESER Bond Program has received proceeds from four prior bond sales totaling \$332,135,000. In addition, DPW received funds for component projects from two other funding sources, increasing the total appropriation amount to \$345,969,604. The 1992 Fire Facility Bonds are being used to fund the Station 35 Fire Boat House and two other non-ESER projects. The City's General Fund and will be used to procure the furniture, fixtures and equipment (FF&E) for the Public Safety Building and Fire Station 4. The funding from the City's General fund is needed because FF&E is not a bond eligible expense. Table A – Budget and Appropriation by Component and Source, shown below, provides is a summary of the budget and appropriation by component and source.

Table A – Budget and Appropriation by Component and Source

ESER 2010	Budget	Current Appropriation
Public Safety Building	239,000,000	227,217,258
Neighborhood Fire Stations (NFS)	64,000,000	30,514,765
Auxiliary Water Supply System (AWSS)	102,400,000	71,396,779
Oversight, Accountability & Cost of Issuance	6,900,000	3,006,199
Total (CESER1)	412,300,000	332,135,000
Fire Facility Bond Funds (FY 12/13 AAO 164-12)		
Neighborhood Fire Stations		
7424A Fire Boat/ Fire Station No. 35	7,192,000	7,151,723
7433A Fire Boat/Fire Station No. 35 Slab Repair (CFCBLDFD33/3CFPSLOC)	358,000	398,300
7433A Fire Boat/Fire Station No. 35 Slab Repair (CFC918 000298)	38,696	38,696
7444A FF&E Fire Station #1 (CFCBLDFD44/3CFPSLOC)	722,000	721,977
Total (CFCBLDFD)	8,310,696	8,310,696
Public Safety Building FF&E		
7410A Public Safety Building	5,523,908	5,523,908
Total (1GAGFACP)	5,523,908	5,523,908
Combined Total (ESER+Fire Facility Funds+7410A FF&E)	426,134,604	345,969,604

Table B – Funded Components of the Fifth Bond Sale, shown below, provides the breakdown of previous bond sales and shows how the fifth bond sale will be allocated.

Table A – Funded Components of the Fifth Bond Sale

ESER 2010	General Obligation Bond Sales				
	Budget	Current Appropriation	Fifth 10E	New Appropriation	Future Bond Sale
Public Safety Building (PSB)	239,000,000	227,217,258	11,782,742	239,000,000	0
Neighborhood Fire Stations (NFS)	64,000,000	30,530,112	11,600,000	42,130,112	21,869,888
Auxiliary Water Supply System (AWSS)	102,400,000	71,396,776	31,003,224	102,400,000	0
Project Fund Subtotal	405,400,000	329,144,146	54,385,966	383,530,112	21,869,888
Controller's Audit Fund (two tenths of 1%)	827,058	659,356	108,771	768,127	58,931
General Obligation Bond Oversight Committee (one tenth of 1%)	413,529	332,135	55,470	387,605	25,924
Cost of Issuance (COI), Underwriters Discount	5,659,413	1,999,362	919,793	2,919,155	2,740,258
Accountability and COI Subtotal	6,900,000	2,990,854	1,084,034	4,074,888	2,825,112
Total ESER1	412,300,000	332,135,000	55,470,000	387,605,000	24,695,000

For the fifth bond sale, \$11,782,742 of the funds are for the PSB; \$11,600,000 of the funds are for the NFS; \$31,003,224 of the funds are for the AWSS; and an estimated \$1,084,034 will be allocated for the cost of issuance and accountability expenses.

The combined request for PSB and NFS of \$23,382,742 will provide funding to complete construction for the PSB and the NFS focused scope projects; the design of Station 5 and the construction of Station 16. DPW staff completed the historic evaluation of Station 16 in November 2011 and Planning issued the Categorical Exemption on February 6, 2013. DPW awarded a contract for Station 5 from its pool of outside consulting services consultants to Ward and Associates, who started work in May 2013. DPW submitted the Environmental Evaluation to City Planning on July 31, 2013, and the draft HRE to Planning for review on September 24, 2013. Planning provided comments on October 30, and the final HRE was submitted on November 25, 2013. Planning provided comments on January 22, 2014, and further clarified comments on February 7, 2014. The revised HRE's were submitted to Planning on March 12, 2014. Planning determination of the final level of environmental review and type of document to be issued is pending.

The requested \$31,003,224 for the AWSS will fund the planning, design, and construction of pipeline, tunnel, and cistern projects. Environmental review is pending for cistern, pipeline, and tunnel projects.

The project phase, CEQA status, and amount requested for each component are summarized in Table C, shown below.

*Table B – Summary of Scope of Work
Public Safety Building*

Phase	CEQA Status	Current Bond Sale
PSB Construction	Not Applicable. The Public Safety Building, located on Block 8 in the Mission Bay South Redevelopment Area is part of the Mission Bay SFEIR certified on September 17, 1998.	11,782,742

Neighborhood Fire Stations

Phase	CEQA Status	Current Bond Sale
Focused Scope		811,307
Fire Stations 44 & 36 Construction	Categorical Exemption 31 sought	67,841
Fire Station 5 Design Services	Preliminary Project Application, Environmental Application and HRE submitted to City Planning	1,752,430
Fire Station 16 Construction	Categorical Exemption Class 2 received 01/23/13.	7,092,632
Station 35 Fire Boat EIR		230,871
ELC Study/Assessment		489,000
Soft Costs (not included above)		1,155,919
Total		11,600,000

AWSS

Phase	CEQA Status	Current Bond Sale
Planning and design – cisterns, pipeline, tunnels	-	1,823,224
Construction* – cisterns	Categorical Exemption received for 16 new cisterns, Categorical Exemption pending for remaining cisterns	12,600,000
Construction* – pipeline & tunnels	Environmental review pending	16,580,000
Total		31,003,224

*Includes construction management and construction

The proceeds of the five bond sales totaling \$387,605,000 will be sufficient to fund the ESER components through June 30, 2015.

Further detail and the status of each component are discussed in the following report. Previous Accountability Reports are available on the Earthquake Safety and Emergency Response Bond website at <http://www.sfearthquakesafety.org/eser-2010-reports.html>.

PROGRAM SUMMARY AND STATUS

Public Safety Building



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

Project Description: The Public Safety Building (PSB) is meant to provide a new venue for the SFPD Headquarters – effectively the command and control administration of the City’s Police Department – including the relocation of Southern District Station and a new Mission Bay Fire Station. Included in the project is the reuse of Fire Station #30, which will serve as a multi-purpose facility for the Fire Department and the community. Historic resource consultants have determined that the existing fire station is eligible for the National Register of Historic Places. Consistent with the Mission Bay SEIR Addendum No. 7, Mitigation Measures, Item D.02, this facility will be retained and reused in a manner that preserves its historic integrity. The other components of the project will be designed to be respectful of the historic integrity of the existing fire station.

Both the Police Headquarters and the Southern District Police station are located at 850 Bryant also known as the Hall of Justice. This facility is over 50 years old and does not meet current seismic codes and requirements. In the event of a major earthquake, this building is not expected to be operational. The PSB will provide a new venue for these two police elements that are part of a larger strategy to replace the Hall of Justice, established in the City’s Capital Plan as the *Justice Facilities Improvement Program (JFIP)*.

Project Background: The functionality of the entire police department in the event of a major catastrophe relies on the ability of the police leadership within police command center headquarters to promptly and properly coordinate public safety services in the city. The district station plays an equally critical role in providing responsive public safety to residents of San Francisco in a timely manner. This station includes those working the front line that are the first to arrive at a crime scene, maintain the peace during difficult situations, assist in the investigation of criminal activity; provide support to other first responders including the Fire Department, the Medical Examiner and Crime Scene Investigation (CSI).

Project Status:

The curtainwall glazing and architectural walls are complete. CMU (concrete masonry unit block) wall along east façade is expected to be complete in April 2014. Mechanical, electrical, plumbing installation has started at East Tower. Commissioning activities expected to start in late April.

Schedule:

The project is targeted to be complete in November 2014. The CM Team (City staff, construction management consultant, and the CM/GC) is analysis potential schedule risks caused by an unexpected elevation difference along Mission Rock Street frontage and work to be performed by PG&E along Third Street.

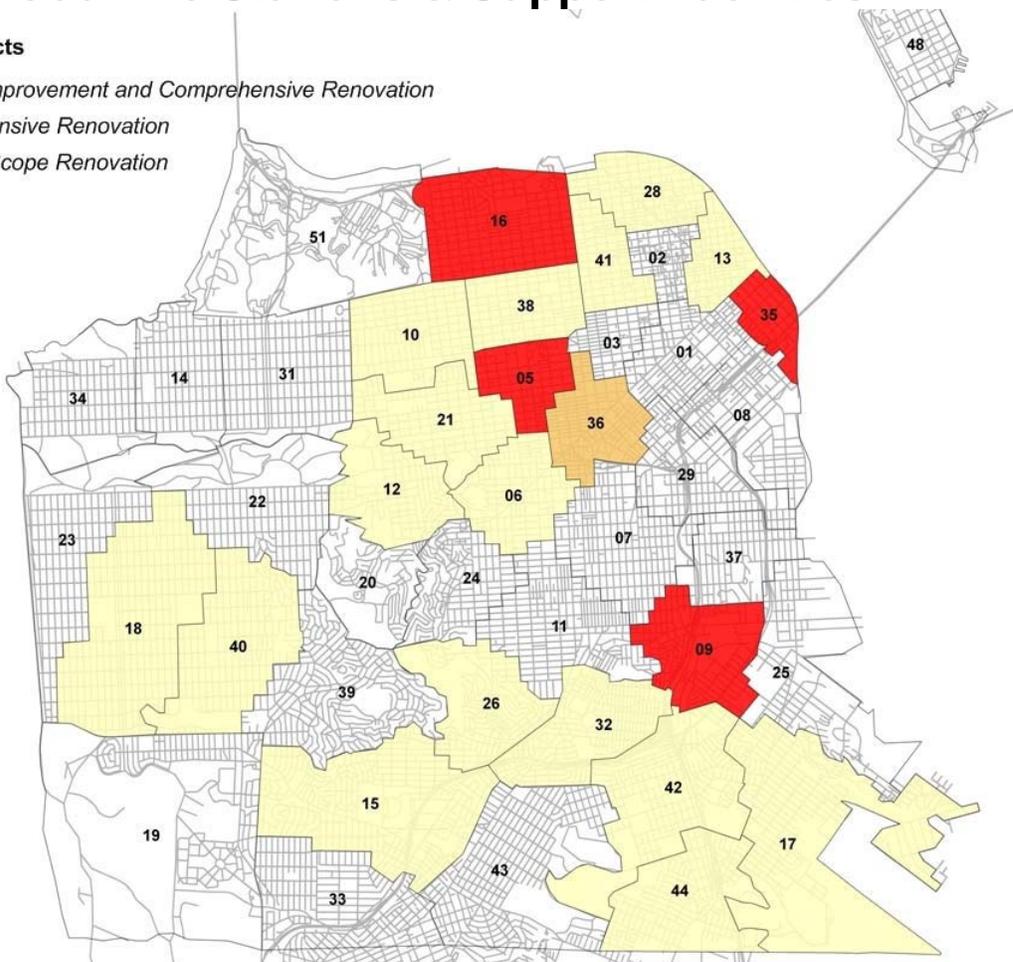
Project Budget: The Public Safety Building total project budget is \$239,000,000. Not included in the \$239,000,000 is \$4,000,000 for bond oversight, accountability and bond cost of issuance. Together, the budget is \$243,000,000 as reported in the Bond Program Report.

Project Cost, inclusive of all change orders to date, is tracking within the Total Project Budget of \$239M.

Neighborhood Fire Stations & Support Facilities

Fire Station Projects

- Seismic Improvement and Comprehensive Renovation*
- Comprehensive Renovation*
- Focused Scope Renovation*



Project Description: The ESER 1 bond will renovate or replace selected fire stations to provide improved safety and a healthy work environment for the firefighters. The selected stations are determined according to their importance for achieving the most effective delivery of fire suppression and emergency medical services possible.

Project Background: Many of the 42 San Francisco Fire Stations have structural, seismic, and other deficiencies. Some may not be operational after a large earthquake or disaster; threatening the ability of the firefighters to respond to an emergency. In addition, there are other fire department resources that support and augment the capacity of the department to provide effective fire suppression capability.

Prior to approval of the bond program, the majority of the City's fire stations and support facilities were assessed for their respective condition and to identify vulnerabilities or deficiencies that could compromise their essential role as deployment venues for first responders.

For planning purposes, the assessment reports were reviewed by cost estimators who prepared estimates of the cost of correcting the conditions noted in the assessments. The cost estimates indicate only the overall “order of magnitude” of the various facility deficiencies and relative proportions of various types of work.

Preliminary assessment of the neighborhood fire stations (NFS) 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 preliminary list of NFS projects to be completed by the ESER 1 bond was identified by DPW and the Fire Administration, and accepted by the Fire Commission at their meeting of September 23, 2010.

The ESER 1 bond NFS program has identified improvements to 16 of the 42 neighborhood fire stations, and the Fire Boat Station. Preliminary scoping of improvements for the Bureau of Equipment (currently at 2501 25th Street) and the Emergency Medical Services and Arson Task Force at 1415 Evans has yielded the conclusion that these last two facilities are not within the capacity of the current bond program to provide meaningful improvement and must rely on a subsequent bond to address. The Task Force is being relocated to the rehabilitated Fire Station 30 as part of the City’s new Public Safety Building.

DPW architectural and engineering staff will typically provide the services for all projects unless otherwise noted.

Project Status:

SFFD evaluated project scope and program budget options prepared by DPW and approved on February 29, 2012 a final slate of Groups I, II and III projects to be completed as part of ESER I. Direction was also provided for the preferred development of the Fire Boat Station and analysis of the Emergency Logistics Center (ELC.) The approved slate of projects was presented to the SF Fire Commission on April 26, 2012. Progress on the slate of projects was presented to the Fire Commission on August 22, 2013.

Seismic Projects: Stations #16 and #5

Design services are being provided by DPW BDC/IDC.

Conceptual design began on Fire Stations #5 and #16 replacement projects on April 16, 2012. SFFD review proceeded as scheduled on June 1 (Station #16) and June 6 (Station #5). SFFD requested alternate options at Station #16 and at Station #5. DPW BDC/IDC completed these alternates as requested.

Station #16:

Design services are being provided by DPW BDC/IDC.



Conceptual design of Fire Station #16 was approved by the Fire Chief on September 10, 2012. Schematic Design phase proceeded on schedule October 9, 2012. The geotechnical report prepared by DPW IDC was received on October 25, 2012. The 50% SD submittal was received as scheduled on November 15, 2012 and the 100% SD submittal was received as scheduled on December 28, 2012. The cost estimate was completed as scheduled on January 16, 2013, and the project is within budget. Design Development phase is underway and the 50% deliverable was completed as scheduled on February 21, 2013. The cost estimate was submitted as scheduled on March 8, 2013. The project is slightly over budget, however certain allowances are being held until additional design development occurs on key structural issues. The 100% DD set was submitted as scheduled on April 19, 2013. The progress cost estimate is underway and is due on May 6, 2013. The subsequent cost estimate is 7% over budget, with additional design elements to be incorporated in response to community input and storm water control requirements. These were priced in July for SFFD consideration prior to proceeding into construction documents phase on July 22. SFFD direction is to direct necessary additional funds to the complete the project as programmed. Final number will be confirmed pending final design of façade screen material and confirmation of storm water requirements. The 50% CD set was submitted as scheduled on October 8. Design Review and Cost Estimation were completed on October 31 as scheduled and the project remains within budget. The A/E team issued the 80% progress set on December 9 for final coordination prior to issuing the bid set.

An as-needed civil engineer with storm water expertise was began work on December 20th. 100% CD schedule will be finalized in January, for an anticipated completion by end March. The site permit was filed with DBI on December 20. Geotechnical borings were taken as scheduled February 10 to confirm storm water calculations. Engineers are confirming

design basis using final infiltration test results report, and team will be meeting in early March to confirm stormwater design basis.

Project team provided an informational presentation to Civic Design Review on June 17, 2013 and obtained Phase II approval on August 19. Final Phase III approval was earned on January 13, 2014.

Staff provided a project briefing to leaders of Marina / Cow Hollow neighborhood and commerce groups at a March 29, 2013 meeting hosted by District 2 Supervisor Mark Farrell. Follow up outreach meetings were held as scheduled on May 3 with the immediate neighbors to the station, and on May 16 with the community and merchants groups again hosted by Supervisor Farrell. Additional neighborhood outreach followed on June 12 to achieve best consensus possible and move forward without delay. Follow up meeting with the immediate neighbors was scheduled and held on February 5, 2014. Due to concerns expressed by two of the immediate four neighbors, a follow up meeting was held on February 26. The design team is examining impacts of changes and considerations requested by the neighbors, and a follow up meeting will be held on March 20.

Station #5:

Design services are being provided by DPW BDC/IDC through the concept phase. DPW IDC confirmed that civil, mechanical, plumbing and electrical engineering divisions currently do not have capacity to complete the Station 5 work on the project schedule. Project team is reviewing DPW as-needed engineering firms.

SFFD requested alternate design elements for Conceptual design of Fire Station #5 to accommodate a second truck if necessary. Concepts were presented to the Fire Chief on September 10, 2012. The SFFD approved the two story, two truck development option on November 15, 2012. The Project Review Application was submitted to City Planning as scheduled on December 6, 2012. Design team was mobilized to complete the concept phase on January 28, 2013, focusing on completing the proposed floor plans and drafting the elevations. SFFD approved concept floor plans on February 25, 2013; concept façade development continues with target completion by mid-March. Façade development will continue through June..

Civic Design Review approval for concept phase originally targeted for the May 20, 2013 meeting has been deferred to allow staff to focus on key development and community involvement at Station 16. The Station 5 overall schedule can accept this time without undesired impact. Informational presentation with Civic Design Review members will be scheduled in February 2014.

SFFD is considering project delivery models for Station 5, and in September 2013 SFFD directed DPW to proceed with Station 5 development with CM/GC project delivery. The team will proceed with preparations on Station 5 as a CM/GC delivery model in fourth quarter 2013 for an anticipated February 2014 Schematic Design start. SFFD direction is to engage an outside fire station design peer reviewer prior to the start of Schematic Design to confirm concept basis. Schematic Design start has been extended to May 2014 and qualifications from expert design firms are being solicited via as-needed contracts.

Outreach to elected officials and community group began in January 2014 with a presentation to District 5 Supervisor London Breed on January 13. DPW staff will work with Supervisor Breed's office to schedule meetings with community groups in March.

The team informally presented Station 5 concept facades to Civic Design Review committee on February 10. Additional follow up will occur prior to Informational CDR presentation in May 2014.

Fire Boat Station 35:

Design services are being provided by DPW BDC/IDC.

Slab Replacement Project: The slab replacement work is substantially complete; final testing and close out was not completed as scheduled in March 2013. SF Port requested replacement of existing gas piping (not in original scope.) Contractor performed this work as a change order, and had to repeat gas line tests until they passed. The Port has required a separate permit be filed for the gas line work, which the project team is filing by mid-June. The Port required a few minor additional scope items to close out the permit, and this work was completed in September 2013. Final ADA sign off has been obtained, and Port final sign off was obtained on October 11, 2013. Final close out documents were submitted in November, and the project achieved final completion in December 2013.

Station 35 Replacement Project: A community Open House was held as scheduled on October 3, 2012 for the new project at the existing location. The Project Review Application for the Fire Boat Station #35 replacement projects was submitted to City Planning as scheduled on June 15, 2012. City Planning's response to the Project Review Application for Station #35 was received as scheduled on October 24, 2012. Of the three options included in the application, Planning preferred Option 1-A, and provided comments for implementation in the following design phase. No further activity for continued development of the project at this site has occurred due to the prospective re-location to the Warriors' Arena project at Piers 30/32. SFFD direction to the DPW has been to await publication of the Warriors development EIR (2014 publication date unknown) before deciding upon any next steps to retain the Pier 22-1/2 site as a viable backup option.

Equipment Logistics Center (ELC):

The ELC project was identified after the passage of the bond – it was suggested as a project combining the Bureau of Equipment and Emergency Medical Services. In this configuration, the sum total of functional program area makes it infeasible for it to occur at the EMS location at 1415 Evans; more significantly, the budget for such a project is not available within the NFS funding.

In lieu of this project, the SFFD requested that a smaller facility, dedicated to the storage of essential material, be considered at the lot behind Station 9. The conceptual program and cost estimate was completed in February 2012, and is pending a decision as to whether to dedicate bond funds to accomplish this project. SFFD has directed construction of a shed behind Station 9, to be developed in second half 2014 after Station 16 bid results are obtained and reliable balance of usable reserve is identified.

Comprehensive Project: Station #36

Station 44



Finish Roof Coating



Back wall facing courtyard

Station 36



Elevator Pit



Slab Infill at kitchen

Design services are being provided by Paulett Taggart Architects through DPW-BDC's as-needed consultant contracting program.

Schematic Design phase on Fire Station #36 comprehensive renovation was completed on schedule on July 16, 2012. SFFD reviewed and accepted the documents, providing minor comments. Cost estimation has been completed and the project is currently within budget. The 50% Design Development deliverable for Fire Station #36 comprehensive renovation was received on September 28, 2012. Project was presented to Civic Design Review Committee for combined Phase I/II approval on September 17, 2012 as scheduled. The Committee lost

quorum before our presentation; the item was heard and no major comments were received from the 2 out of 3 members who heard the presentation. Approval was received as scheduled for the October 15, 2012 meeting. Civic Design Review Phase III approval was sought and received at the April 15, 2013 meeting.

100% Design Development deliverable was received as scheduled on November 30, 2012, with cost estimate received as scheduled on December 14, 2012. The project is within budget. The 50% Construction Documents design deliverable was submitted as scheduled on February 15, 2013. The 50% cost estimate was delivered on schedule on March 4, and the project continues within budget. The 100% CD deliverable was submitted as scheduled on April 3, 2013. The project was bid as scheduled. Three bids were received on May 20; all three bids exceeded the budget. The lowest two of three bids were within less than 1% of each other, indicating that the bid documents clearly conveyed the scope. The construction bid climate continues to heat up, and fewer bids were received than anticipated. To help mitigate these factors when the project is rebid in July, the project team will: 1) revise certain scope items to bring the overall cost down; 2) increase marketing and outreach efforts to local contractors. In addition, fewer projects are bidding in July, increasing the probability of General Contractor interest in the Station 36 project. Increasing the number of bidders and hence competition should improve bid results. The project was packaged together with Station 44 and advertised in July 2013. Bid opening occurred as scheduled on August 7. Five (5) bids were received. After bids were analyzed and bid protest was resolved, award is in progress to the apparent low bidder, Roebuck Construction, who was the second lowest bidder from initial bid results. Notice of Award was issued on September 25 and Notice to Proceed was issued on October 24.

Pre-construction phase was successfully completed at Station 36 on November 27. Hazmat abatement and demolition work began in December. Construction activities continue per the baseline schedule. Highlights in January 2014 include excavation of the new elevator pit. Station 44 pre-construction phase was successfully completed on December 23rd. Hazmat abatement and roofing work began in December. Construction activities continue per the baseline schedule. Substantial completion is scheduled for April 2014.

The Station 36 design is proceeding on track to meet LEED Gold for Commercial Interiors standards as approved by the Green Building Coordinator, San Francisco Department of the Environment. Procurement for outside consulting services for required LEED design review and commissioning is complete. Work began in March 2013 and will be ongoing through construction. These services include reviews of commissioning plans and start up testing of equipment. Commissioning kick off meeting with contractors and consultants was held on December 16, 2013.

Focused Scope Projects:

Design services are being provided by DPW BDC/IDC, and as-needed engineer GHD on the Emergency Generators.

Roof Replacement – 15 Stations

Summary:

The scope consists of installing new roofing systems and upgrading exhaust fans on fifteen (15) stations. 2011 Package (Stations 6, 38, 41 and 42), Package 1 (Station 28); Package 2 – JOC (Station 2); Package 3 (Stations 18, 40 and 31), Package 4 (Stations 15, 17, 26, and 32), and

Package 5 (Stations 10 and 13) roofs are complete. On Station 2 roof, the City is anticipating closing this project out by end of March 2014.

Detail:

Package 2 (Station 2) Azul Works (JOC contractor) began work at Station #2 roof replacement as scheduled on January 7, 2013. The roofing system was completed on March 8, 2013, as scheduled. The Contractor filed an extension time request to complete mechanical scope items by April 18, 2013. The work was completed by this date, however, due to the non-conforming work which consisted of the inadequate coating on the Air Handling (AH) unit, the Contractor was asked to remove and replace the entire (AH) unit at no cost to the City. This process took longer than anticipated. The City followed up with a letter reminding the JOC Contractor that the non conforming work must be corrected or the City may assess liquidated damages if work was not corrected before August 30. The Contractor removed the AH unit in question and painted it in one of Trane facilities with the proper coating. The Contractor installed the AH unit with proper coating and completed all remaining work as of August 30. The punch walk was performed soon after. The Close out documents were approved on October 28. In order to formally close this project, the City is in the process of negotiating the only outstanding change order - anticipate finalizing this change order by end of March.

Package 3 (Stations 18, 40 and 31) achieved substantial completion on February 11, 2013. Contractor submitted all required closeout documents except for the As-Built drawings. Final Completion will not be issued until Western Roofing's corrective action plan for local hiring deficiencies is approved by City Build. Western Roofing was given direction to complete this task by end of July. Western complied with local hiring requirements as of mid September. The City has formally closed this project out as of November 27, 2013.

Package 4 (Stations 15, 17, 26 and 32) achieved final completion in April, 2013.

Package 5 (Stations 10 and 13) – was considered by the contractor as substantially complete as of July 15. However, the City did not accept some of the installed work, namely the appearance of Kemper waterproofing product. As a result, the City agreed to extend the substantial completion date to August 28 allowing Western to correct the work. Western Roofing procured the roofing material and re-installed it for the third time. The work at Station 10 was completed except for the non conforming (soldering gutter work needed to be corrected). As of November 22, all non-conforming work at both stations was complete. The contractor submitted close out documents on December 9. This package was formally closed out as of December 20, 2013.

Exterior Envelope – 16 Stations

7436A Exterior Envelope – Package 5



Station 10 Mock-Up

Station 10 Grout Repair

Summary:

Per SFFD direction, BBR is to execute paint work in (6) stations – FS 6, 28, 38, 41, 42, and 49 while the remaining packages (packages 4, 5 and 6) will be bid out through DPW public bidding process to a B or C33 license contractors due to the complexity of scope at these stations.

Detail:

Packages 1 (Station #38) and 2 (Station #42) each for one fire station were bid to Micro LBE contractors as set-aside contracts. Despite diligent outreach to Micro LBE contractors, only one bid was received on September 26, 2012 and it far exceeded the budget. DPW reached out to BBR to paint these stations instead of bidding them out again. SFFD approved DPW BBR pricing of the work at these two stations for in-house execution. NTP was issued as scheduled on November 21, 2012 for Station 38. The preconstruction phase was complete and site work began as scheduled at Station 38 in January 2013. The work was completed on March 18. SFFD approved Package 3 for two fire stations (Stations 28 and 41) pricing by DPW - BBR for in-house execution. In addition, at SFFD direction, Station 49 exterior paint was added to the project list, and approved DPW-BBR pricing of this work for in-house execution as well. NTP was issued as scheduled on Station 49 and the work was scheduled to proceed from March 25 – May 3, 2013. The work was completed as scheduled.

In early June and before start of work at FS6, BBR discovered asbestos and lead content in the existing paint. As a result, BBR proposed the use of an encapsulated primer instead of the specified Tnemec primer to retain the hazmat material, then apply the (2) Tnemec coats. The Tnemec representative was not willing to approve BBR proposal unless a pull and adhesion test was performed. The initial pull test failed at the substrate level. This resulted in BBR not being able to start the work as scheduled. After further communication with the Tnemec Rep., an “adhesion test” was requested instead of the pull test. The adhesion test with the encapsulated

primer and (2) Themec coats passed on July 24 allowing BBR to start paint with the proposed system. The actual work started on August 12. BBR completed the work on September 30; the team performed the final punch walk with only minor items to be corrected.

On October 16, BBR started the paint work at FS 42; this work is scheduled to be completed within 6 weeks with an anticipated completion date of December 14. Although the paint scope was completed on time, many of the ancillary scope items such as bird deterrent, are still pending as of February.

Final stations for BBR to complete are 28 then 41 which are scheduled to start on April. Packages 4, 5, and 6 for 3 stations, 4 stations, and 3 stations respectively was successfully bid to B or C33 license contractors. The paint bid packages will follow completion of the roof bid packages.

Package 4 (Stations 15, 32 and 40) was advertised in early December, and bids were received as scheduled on January 9, 2013. Despite diligent outreach to the bidding community and interest exhibited at the Pre Bid Conference, only one bid was received. This bid was within budget and the project was awarded to OnPoint Construction. NTP was issued as anticipated in May 2013 and OnPoint Construction work began on June 24th at Station 40, and moved to Station 32 immediately after completion of Station 40. The work was 95% complete on both stations by August 30. It was agreed and documented that the Contractor will not start work on the third station (Station 15) until SFMTA completes installation of the new windows per SFMTA – SFFD agreement on the Phelan Loop (non-ESER) project. Although the new windows are not in place yet at FS15, DPW/ FD gave authorization to Contractor to start paint work; all parties are in agreement that the paint Contractor is to go back to the site after window installation is complete and patch paint around the windows at no cost to the City. OnPoint completed the work at FS15 at the exception of areas around the windows. SFMTA reported window delivery was anticipated on October 12, and installation work will take six weeks. OnPoint is to go back to site for paint touch ups as required. As of end of November, SFMTA reported that the windows revised delivery schedule was mid-December. SFMTA seems non responsive to DPW / SFFD request to complete the windows installation as expeditiously as possible. In January, PM team learned that SFMTA's window installer is not responding to SFMTA demands to complete the installation and may be substituted with another installer. SFTMA resolved the issues they were having with the window installer and started the work on mid-February.

DPW BDC team completed design of Package 5 (Stations 10, 13, 17, 26) the third week of July. SFFD, PM and CM provided constructability review comments soon after. The package was advertised for bid with a bid due date of September 12. 5 bids were received on this date. CF Contracting was the apparent low bidder with a bid amount close to the budget. PM team determined that the CF contracting qualifications were acceptable and recommended award of this contract to CF Contracting. No protests from other bidders were received. The letter of award was sent to the Contractor on October 28. The City released the NTP on January 20. A pre-construction meeting was held on January 24. The contractor started the work as scheduled on February 20 on Stations 10 and 17 simultaneously then will move to 13 and 26. Completion of the work is scheduled for May 19.

DPW BDC team completed design of package 6 (Stations 2, 18, 31) on September 19. The CM Team performed a constructability review soon after and requested that a peer review on Station 31 storefront retrofit be performed by a window specialist. Design team members were

notified of the peer review comments. The package was advertised as scheduled on October 2 with bids due on October 30. A pre-bid walk was performed on October 16. An addendum was issued with a new bid date of November 6, giving more time to the design team to prepare and respond to questions on bid documents. 4 bids were received with Roebuck as the apparent low bidder. On November 13, Evra Construction filed a protest against Roebuck's bid. The Protest lacked merit and was rejected by the City. The City awarded the contract to Roebuck Construction, and the NTP was issued on February 3; contractor walked the site on February 21, the contractor is scheduled to be on site by March 5. Completion of the work is scheduled for July 2.

Emergency Generator Replacement – 5 Stations

7437A Emergency Generator



Summary:

Stations 6, 15, 12, 17 and 21 are scheduled to receive new Emergency Generators (EGs). Station 6 is complete; Stations 15 and 17 are under construction; and Stations 12 and 21 bids are under review.

Detail:

On FS 6 Emergency generator, the design is moving forward with DPW's as-needed electrical engineer as a prototype for design-bid-build project delivery. The 100% design was received as scheduled on November 26, 2012 and the project was bid as scheduled on December 7, 2012, targeted to Micro LBE bidders. 2 bids were received on January 9, 2013. The project was awarded to Becker Technical Services, Inc. with a NTP date of March 25. Pending submission of the contractor's schedule, work is anticipated to be complete in June. Station 6 emergency generator project achieved substantial completion on June 4, ahead of schedule. The contractor submitted all closeout documents to the design team for review and final approval on June 4. Final close out of this package was contingent on the senior DBI inspector signing off on the job card. By the end of October, the contractor secured the sign off on the job card and the project achieved final completion.

The existing emergency generator at Station 15 experienced mechanical malfunction. SFFD directed the Station 6 team to replace this unit as soon as feasible. Design was submitted as scheduled on February 1, 2013. Due to the size of the generator 80kW necessary to backup specialized equipment at this station such as the Bauer unit, this project will require a BAAQMD permit. Project team secured the BAAQMD permit in June 17. BBR started the preconstruction phase in late May and all submittals were approved. BBR was supposed to start construction in late June, but was unable to secure permit in time due to multiple comments from DBI - Fire and Structural plan checkers. BBR secured the permit and started actual work in late July. As of September 30, BBR installed the concrete pad, but was not able to install the electrical conduits and mechanical exhaust duct due to the presence of Asbestos on the stucco wall supporting these conduits. BBR was unable to self perform the drilling of the 30 holes due to the presence of hazardous materials requiring the involvement of HazMat abatement contractor through SAR. This delayed the project by about 6 weeks. The HazMat abatement contractor completed the drilling on mid-November; BBR completed installation of the electrical conduits and the concrete slab. The 80 kW generator was installed on December 2. BBR is to correct the non compliant work by end of March.

DPW IDC began design work on November 2, 2012 at Station 17 as a DPW in-house IDC design-BBR build prototype. The 50% design set was submitted as scheduled on December 5, 2012. Design evaluation of the three options continued in January 2013 with PG&E's involvement, and a final option was approved by SFFD. DPW IDC completed design documents on February 6, 2013 and SFFD approved DPW BBR to price the approved scope on February 25, 2013. Pricing proceeded in March 2013 and BBR provided a proposal in May; EG unit was bid and awarded to Generac. SFFD requested that GHD (the as-needed consultant) to perform a peer review on IDC design. Start of construction was delayed until the peer review was complete. GHD provided the peer review memo on August 29 and suggested to move the main switch board and Automatic Transfer Switch (ATS) location inside the boiler room. It was determined that this will not be possible as SFFD had initially hoped due to PG&E rejection of the exposed conduits fitting which were the results of moving the equipment outside the building. IDC design was not impacted by the peer review and moved forward as was initially designed.

Because BBR is still working on FS15 generator and cannot accommodate working on two generators at the same time, SFFD directed the PM team to bid FS17 EG out to a JOC contractor given the urgency and recent failure of the existing emergency generator at this station. As of October 28, PM Team with assistance from JOC manager selected JOC contractor, Nicole's Work, to provide construction services for this station. The City accepted the fee proposal submitted by Nicole's Work on December 20 after multiple revisions; the permit was successfully filed with DBI on December 23, 2013. The City issued the NTP to Nicole's Work on January 13, 2014. The contractor mobilized to the site on February 13 as was scheduled; the work is underway and is scheduled to be complete by May 12.

On Stations 12 and 21, PM requested design fee proposals from both DPW/IDC Team and DPW's as-needed-consultant, GHD, on May 2013. DPW PM received proposals in June from both parties. Team reviewed the IDC and GHD design proposals side by side for comparison and presented the findings to SFFD for review and approval in late September. Because of the schedule constraint, on October 9 SFFD directed the team to move forward with GHD to provide design services for both stations based upon their early design input. GHD started the design on October and completed it in December. Permits for both stations were filed on December 20,

2013, just prior to the new code effective date of January 1, 2014. Both stations were bid under one package; was advertised on January 29 and received 2 bids on February 19. As of to date, bids are under review.

Shower Reconstruction – 9 Stations

Summary:

Stations 6 and 15 have been completed. Stations 17 and 18 were put on hold by SFFD due to scope complexity. Station 44: Work will be performed by Roebuck, the contractor currently working on Station 44 renovation project. Stations 26, 38, 13, 18, 40, 41: were bid out under one package.

Detail:

Shower reconstruction package 1 for Stations 15, 6, and 38 is underway. Per SFFD direction, Station 15 must be successfully completed as a prototype mock-up project prior to commencing work at Station 6 and subsequently Station 38, both to be executed by DPW BBR.

Construction began as scheduled at Station 15 on April 18, 2012. Contractor changed certain installation details without prior approval, and corrective work will necessitate additional fabricated materials. In mid September 2012, the manufacturer arrived at the site from out of state to resolve final details with the Architect of record and the Fire Department. Material order for these corrective details was placed, and the work proceeded in the field from March 25 – 29, 2013. The contractor did not installed doors and threshold as per contract, the City requested that the work to be corrected no later than May 10, 2013. The work at this station was complete as of May.

On FS 6 showers, SFFD provided authorization to move ahead with the project. After the bidding process of Station 6 material through the City Purchasing Department, BBR received only one bid from DLD Lumber/ Griffom “the fabricator of the panels and shower pans using Corian material”. The material was confirmed to be an equal to Transolid, the specified material. DPW, with approval from SFFD, awarded the contract to DLD Lumber/ Griffom. On April 25, 2013, project team secured a second variance from DBI Plumbing Division to use the Corian shower pan. Moving forward, DBI made it very that no additional variances will be permitted and all proposed shower pans must be certified by a listing agency. The work started on May 23 on (4) of the (6) stalls. As of July 17, BBR completed the (4) stalls and started work on the remaining (2) officer’s stalls. Contract time was extended to August 22 due to BBR taking time to complete the installation as was required. On August 30, the showers stalls were complete and ready to be used by SFFD. On September 30, BBR closed out portion of the ceiling affected by the renovation project at the apparatus bay. This project was considered complete on September 30.

As of October 2 meeting with SFFD, the PM Team was directed to proceed with group 2 showers consisting of Stations 38 and 26. The plan was for BBR to work on these two stations while Station 44 showers will be issued as a change order to Roebuck (the contractor working on FS44 renovation project), and Group 3 consisting of (4) Stations (13, 18, 40 and 41) will be bid out either through JOC or through the public bidding process. The design team secured permits for the remaining balance of showers on October 28. BBR started the estimating effort on FS26 and 38 showers in early October. PM team received BBR estimates (labor only) on November 12 which were reviewed and approved on November 20. BBR bid the material through the City Purchasing Department and received only one bid from DLD Lumber on

December 30, 2013. The cost of the substituted material came in very high and did not meet the performance criteria of the specified material. On January 6, 2014, and due to the high material cost, SFFD directed project team to add BBR stations to the other 4 Stations (18, 41, 13 and 40) already planned for bid and bid all (6) stations out together. The City advertised this package on January 30, 2014, received (6) bids on February 19 and are under review as of to date.

Mechanical Scope (JOC) – 15 Stations

Summary:

The scope is structured into two phases: Phase 1 – Investigation and Scope Validation, and Phase 2 – Execution of Work. The stations were divided into two groups, Group 1 – (4) stations and Group 2 – (11) stations. Group 1 (Stations 6, 17, 38 and 42) was substantially completed by Azul (JOC Contractor) in August 2013. Group 2 (Stations 2, 10, 13, 15, 18, 26, 28, 31, 32, 40, 41) were awarded to Rodan (JOC Contractor.) Work started on January 2; Rodan completed 9 of the 11 stations and is scheduled to complete the remaining ones by mid-March 2014.

Detail:

The scope consists of mechanical upgrades in multiple stations. Because of the nature of this scope, the work is scheduled to be performed in two phases, phase 1 – Investigation and scope validation, and phase 2 – Execution. Project team with SFFD approval selected (4) stations as pilot projects to perform this delivery method. Azul/ Wolves Mech., the JOC contractor, was selected to perform this work on April 24 2013. The work on Stations 6 and 42 has been completed as scheduled and started work on FS 38 and 17 thereafter. This first group was substantially complete on August 30.

On August 30, SFFD provided authorization to the Team to move forward with Group (2) - total of 11 stations; a JOC Contractor “Rodan” was selected to work on this group. Rodan completed phase 1 - the investigation and scope validation; and turned in the initial findings with fee proposal the first week of October. The PM team reviewed the fee proposal several times and approved the final revisions on November 20. The City issued the NTP to Rodan on December 16, 2013 with a completion date of March 15, 2014. The work started on January 2; Rodan completed 9 of the 11 stations and is scheduled to complete the remaining ones by March 15.

Window Repair (BBR) - 12 stations

Summary:

BBR was selected to perform this work. BBR completed work at (10) stations as of December 2013. The remaining work at Stations 31 and 25 is scheduled for February and March respectively.

Detail:

The scope consists of window repair at various stations. BBR was selected to be the sole service provider for this type of work. As of September 2013, BBR completed work at 8 stations. On September 30, SFFD directed the team to proceed with Stations 2, 26 and 31 windows. Station 10 remained on hold and added Station 25 to the ESER projects. On August, BBR reported that they did not have enough staff to execute the work simultaneously on these stations due to numerous emergency projects around the City, and they will not be able to

schedule the SFFD work until the emergency work is complete. On November 6, BBR resumed the work on Station 26 and completed it on November 20. On December 16, BBR started the work at Station 2 and was complete two weeks later. On January 6, the PM and SFFD reviewed Station 31 proposal and decided that the window replacement work should be part of package 6 exterior envelope due the complexity of this scope. They also reviewed FS25 proposal and directed BBR to revise and re-submit it based on the revised scope of work.

On Stations 31, window work was on hold pending receipt of special order materials (delivery was scheduled for February 26), BBR is to complete the work by early March. PM received Station 25 revised proposal from BBR on February 3. PM/ SFFD reviewed and approved it on February. Order of material will take about 4-6 weeks. Work to be complete 4 weeks after receipt of the material.

Historic Evaluation

Historic evaluation site visits were completed at 21 stations (14 Focused Scope / Alternate stations; 6 Seismic / Comprehensive stations; and the Fire Boat station.) On August 31, 2011 City Planning issued a memorandum outlining requirements of a Historic Resource Evaluation (HRE) of the 5 stations identified as potential historic resources: Stations #5, #31, #32, #36, and #44. The HRE report will assess potential impacts to both historic resources listed above, as well as to five stations identified as contributors to a potential 1952 Fire Bond Act Thematic Historic District, Stations #10, #15, #17, #38, and #41. In May 2013, City Planning agreed to review individual reports for the potential historic resources stations, and a combined report for the five potential district stations.

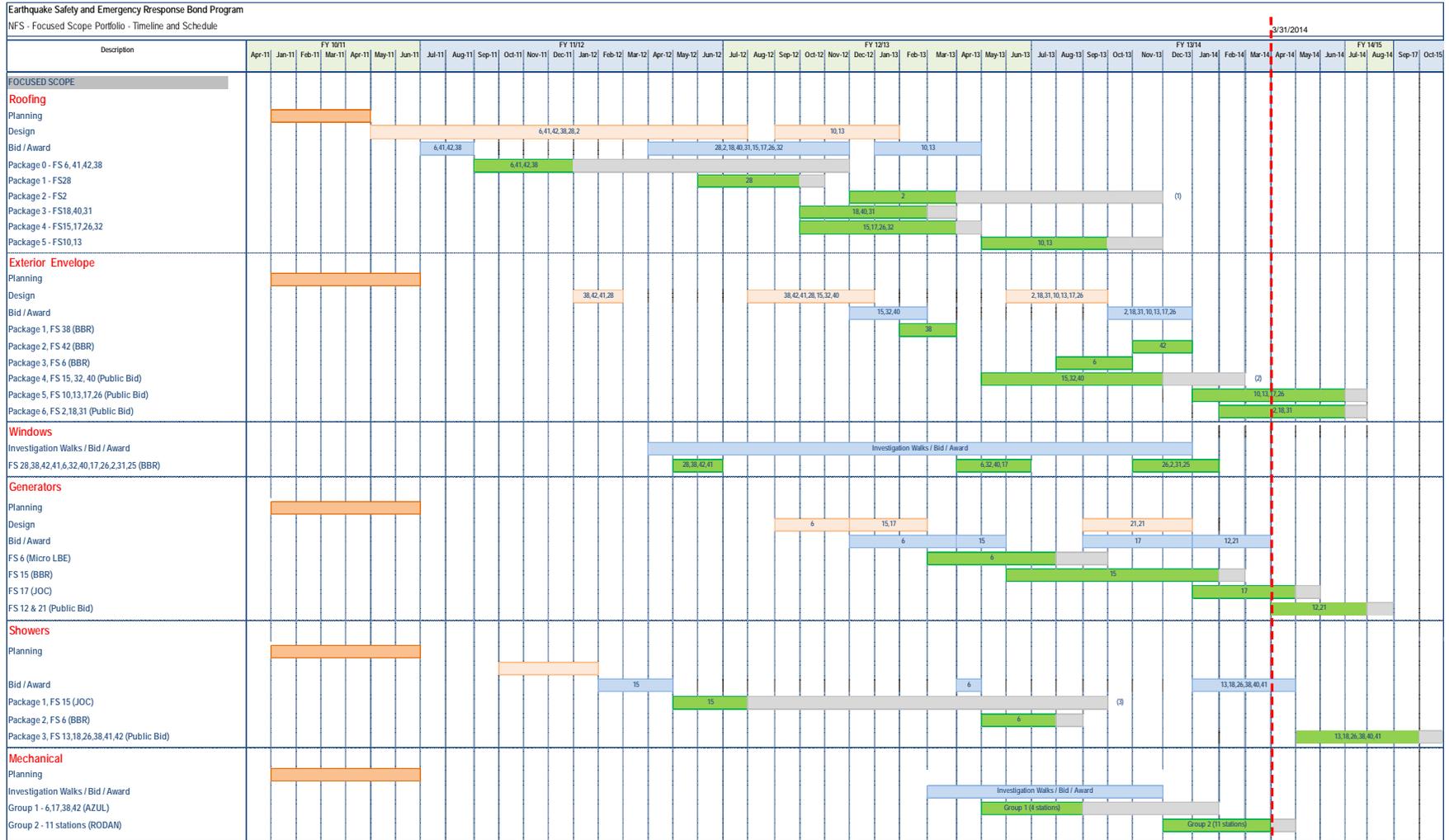
DPW staff completed the Historic evaluation of Station 16 in November 2011 and City Planning issued the Categorical Exemption on February 6, 2013. DPW staff completed EE and General Plan Referral applications for Station 36 and submitted to City Planning on February 28, 2013. The General Plan Referral was received from City Planning in May 2013. Contracting for outside consulting services for Station 5 was awarded to Ward and Associates, DPW's on-call consultant and their efforts began in May 2013. DPW submitted the Environmental Evaluation to City Planning on July 31, 2013. Planning response is pending. DPW staff completed EE and General Plan Referral for Station 44 and submitted to City Planning on May 7, 2013. City Planning issued the Categorical Exemption for Station 44 on August 1, 2013.

Project Schedule:

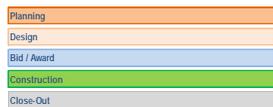
SFFD evaluated project scope and program budget options prepared by DPW. On February 29, 2012, SFFD approved a final slate of Groups I, II and III projects to be completed as part of ESER 1. Next step will be development of the baseline project schedule, which was published in the December report. For a copy of the Project Schedule, refer to following page.

Earthquake Safety and Emergency Response Bond Program

Accountability Report
April 16, 2014



LEGEND



- (1) Substantial Completion was reached, however, the City rejected the non-conforming work during punch list work
- (2) The Contractor completed the work on FS 32 and 40; FS 15 completion is contingent on SFMTA completing the installation of the windows
- (3) The Contractor completed the work as was scheduled, however, the work was rejected due to deficiencies in the installation

Earthquake Safety and Emergency Response Bond Program																													
NFS - Seismic and Comprehensive - Timeline and Schedule																													
Description	FY 10/11			FY 11/12				FY 12/13				FY 13/14				FY 14/15				FY 15/16				FY 16/17				FY 17	
	2nd Qtr. 12/31/11	3rd Qtr. 3/31/11	4th Qtr. 6/30/11	1st Qtr. 9/30/11	2nd Qtr. 12/31/11	3rd Qtr. 3/31/12	4th Qtr. 6/30/12	1st Qtr. 9/30/12	2nd Qtr. 12/31/12	3rd Qtr. 3/31/13	4th Qtr. 6/30/13	1st Qtr. 9/30/13	2nd Qtr. 12/31/13	3rd Qtr. 3/31/14	4th Qtr. 6/30/14	1st Qtr. 9/30/14	2nd Qtr. 12/31/14	3rd Qtr. 3/31/15	4th Qtr. 6/30/15	1st Qtr. 9/30/15	2nd Qtr. 12/31/15	3rd Qtr. 3/31/16	4th Qtr. 6/30/16	1st Qtr. 9/30/16	2nd Qtr. 12/31/16	3rd Qtr. 3/31/17	4th Qtr. 6/30/17	1st Qtr. 9/30/17	2nd Qtr. 12/30/17
SEISMIC																													
Station 16																													
Planning																													
Design																													
Bid / Award																													
Construction / Close-Out																													
Station 5																													
Planning																													
Design																													
Bid / Award																													
Construction / Close-Out																													
Comprehensive																													
Station 36 & 44																													
Planning																													
Design																													
Bid / Award																													
Construction / Close-Out																													

LEGEND

Planning
Design
Bid / Award
Construction
Close-Out

(1) Bid / Award phase includes pre-qualification of Contractors

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

AUXILIARY WATER SUPPLY SYSTEM (AWSS)



New cistern and Brick Ring, 36th & Wawona, March 2014



Ashbury Heights Tank Removal, March 2014



Ashbury Heights Tank Removal, March 2014

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

Background: The AWSS delivers high-pressure water and provides cistern water storage for fire suppression in the City. This program is intended to repair, replace, and extend system components to increase the likelihood of providing fire-fighting water following a major earthquake and during multiple-alarm fires from other causes.

Project Status: A description of current work for the physical plant, pipelines, tunnels, and cisterns projects follows.

Planning Study

Consultant AECOM/AGS Joint Venture delivered the final documents for the AWSS Planning Support Services (contract CS-199) planning study. A summary of the study's findings is available at

<http://sfwater.org/Modules/ShowDocument.aspx?documentid=4907>

and the study's project report is available at

<http://sfwater.org/Modules/ShowDocument.aspx?documentid=5055>.

Physical Plant

Construction is occurring under contract WD-2685 for Ashbury Tank, Jones Street Tank, and Twin Peaks Reservoir. Contract construction completion is scheduled by fall 2015.

Pumping Station 1 bid advertisement (contract WD-2686) is expected in April 2014. Construction is scheduled to start by fall 2014.

Design work continued for Pumping Station 2 (contract WD-2687), with design completion scheduled by summer 2014.

Cisterns

Construction started for Cisterns A (contract WD-2695, 6 cisterns) with scheduled construction completion by fall 2014.

Construction started for Cisterns B (contract WD-2696, 5 cisterns) with scheduled construction completion by spring 2015.

Construction started for Cisterns C (contract WD-2697, 5 cisterns) with scheduled construction completion by summer 2015.

Design work continued for an additional 18 new cistern candidate locations. Not all candidate locations are expected to be constructed with ESER 2010 bond funds. The actual number of cisterns to be constructed is dependent on available funds, construction market conditions, site conditions, and related factors.

Pipeline and Tunnels

Work is proceeding on projects identified in the AECOM/AGS JV planning study as shown in the following table.

4 th Street connection	Conceptual Engineering Report reviewed
Infirm-area valve motorization	
Fireboat manifolds	Planning continued
Suction connections	
Clarendon supply	
Control system	
Jones Street Tank valve motorization	
Pipeline investigation and remediation	
Pumping Station 1 tunnel	

Project Schedule:

Description	Scheduled
Complete design for Pumping Station 2 (WD-2687)	Summer 2014
Complete design for Cisterns Contract D (WD-2745, 5 cisterns)	Summer 2014
Complete design for Cisterns Contract E (WD-2746, 5 cisterns)	Fall 2014
Construction completion for Cisterns Contract A (WD-2695)	Fall 2014
Complete design for Cisterns Contract F (WD-2747, 5 cisterns)	Winter 2015
Construction completion for Cisterns Contract B (WD-2696)	Spring 2015
Construction completion for Cisterns Contract C (WD-2697)	Summer 2015
Construction completion for Twin Peaks Reservoir, Ashbury Tank, and Jones Street Tank Contract (WD-2685)	Fall 2015
Construction completion for Pumping Station 1 (WD-2686)	Spring 2016
Construction completion for Pumping Station 2 (WD-2687)	2018
Pipeline & Tunnel projects	To be determined

The final AWSS project is scheduled to be completed in 2019.

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

BUDGET, FUNDING & EXPENDITURES

Budget and Funding

The financial information included this report is through February 2014 to coincide with the GOBOC presentation on March 28, 2014. The budget for the ESER Bond Program is \$412,300,000. There are three additional funding sources are managed under this program. (1) As part of the Annual Appropriation Ordinance FY 12/13 (AAO 164-12), the Fire Department received authorization to appropriate \$8,272,000 to supplement Station No. 35 Fire Boat, a project under Neighborhood Fire Stations and Support Facilities component, and two non-ESER related projects. (2) An additional \$38,696 was allocated to the Neighborhood Fire Stations to fund Station 35 Slab Repair project. (3) The Public Safety Building received \$5,523,908 from the City's general fund to manage and procure the furniture, fixtures and equipment (FF&E) for the Public Safety Building and Station No. 4. FF&E is not a bond eligible expense. The combined budget is \$426,134,604 with an appropriation of \$345,969,604. The following is a summary of the budget and appropriation by component:

	Budget	Current Appropriation
ESER 2010		
Public Safety Building	239,000,000	227,217,258
Neighborhood Fire Stations (NFS)	64,000,000	30,514,765
Auxiliary Water Supply System (AWSS)	102,400,000	71,396,779
Oversight, Accountability & Cost of Issuance	6,900,000	3,006,199
Total (CESER1)	412,300,000	332,135,000
Fire Facility Bond Funds (FY 12/13 AAO 164-12)		
Neighborhood Fire Stations		
7424A Fire Boat/ Fire Station No. 35	7,192,000	7,151,723
7433A Fire Boat/Fire Station No. 35 Slab Repair (CFCBLDFD33/3CFPSLOC)	358,000	398,300
7433A Fire Boat/Fire Station No. 35 Slab Repair (CFC918 000298)	38,696	38,696
7444A FF&E Fire Station #1 (CFCBLDFD44/3CFPSLOC)	722,000	721,977
Total (CFCBLDFD)	8,310,696	8,310,696
Public Safety Building FF&E		
7410A Public Safety Building	5,523,908	5,523,908
Total (1GAGFACP)	5,523,908	5,523,908
Combined Total (ESER+Fire Facility Funds+7410A FF&E)	426,134,604	345,969,604

The budget for the **Public Safety Building** is \$239,000,000. The total appropriation supported by proceeds of the first and second bond sales is \$227,217,258. The proceeds of the fifth bond sale will fully fund the project and support the completion of construction.

The budget for the **Neighborhood Fire Station and Support Facilities** is \$64,000,000. The total appropriation supported by proceeds from the first, second and third bond sale is \$30,514,765. The proceeds of the fifth bond sale totaling \$11,600,000 will increase the appropriation amount to \$42,130,112.

One or more future bond sales totaling \$21,869,888 would be needed to fund the remainder of the various components.

The budget for the **Auxiliary Water Supply System** is \$102,400,000. The total funded appropriation from the first bond, third and fourth bond sale is \$71,396,776. The proceeds from the fifth sale of \$31,003,224 will increase the appropriations to \$102,400,000, which will complete funding for this component.

The budget for other costs, such as the **Controller's Audit Fund, Citizens GOB Bond Oversight Committee, Cost of Issuance** and underwriters' discount is \$6,900,000. The total appropriation from the proceeds of the four bond sales is \$2,990,854. The proceeds of the fifth bond sale are estimated at \$163,158 and would increase the appropriation amount to \$3,154,012.

The Department of Public Works and the San Francisco Public Utilities Commission are pursuing approval for the sale and appropriation of fifth bond sale in the amount of \$55,470,000 to fund all three components as well as its related cost of issuance, accountability and GOBOC costs.

This request would increase the appropriation to \$387,605,000 as follows:

	General Obligation Bond Sales				
	Budget	Current Appropriation	Fifth 10E	New Appropriation	Future Bond Sale
ESER 2010					
Public Safety Building (PSB)	239,000,000	227,217,258	11,782,742	239,000,000	0
Neighborhood Fire Stations (NFS)	64,000,000	30,530,112	11,600,000	42,130,112	21,869,888
Auxiliary Water Supply System (AWSS)	102,400,000	71,396,776	31,003,224	102,400,000	0
Project Fund Subtotal	405,400,000	329,144,146	54,385,966	383,530,112	21,869,888
Controller's Audit Fund (two tenths of 1%)	827,058	659,356	108,771	768,127	58,931
General Obligation Bond Oversight Committee (one tenth of 1%)	413,529	332,135	55,470	387,605	25,924
Cost of Issuance (COI), Underwriters Discount	5,659,413	1,999,362	919,793	2,919,155	2,740,258
Accountability and COI Subtotal	6,900,000	2,990,854	1,084,034	4,074,888	2,825,112
Total ESER1	412,300,000	332,135,000	55,470,000	387,605,000	24,695,000

The appropriation of \$387,605,000 will be sufficient to fund the projects under each component through June 30, 2015.

Encumbrances and Expenditures

As of March 2014, encumbrances total \$80,190,419 and the expenditures are \$204,783,045, representing 82% of the appropriation and 67% of the budget respectively. The following table summarizes budget, appropriation, encumbrances, and expenditures by component:

**Earthquake Safety and
Emergency Response Bond Program**

**Accountability Report
April 16, 2014**

ESER Components	Budget	Appropriation	Appropriation/		Expenditures	Encumbrance+	Encumbrance+
			Budget	Encumbrance		Expenditures /	Expenditures /
						Appropriation	Budget
Public Safety Building	239,000,000	227,217,258	95%	53,026,469	165,879,862	96%	92%
Neighborhood Fire Stations (NFS)	64,000,000	28,867,615	45%	5,881,947	17,239,434	80%	36%
Auxiliary Water Supply System (AWSS)	102,400,000	71,396,779	70%	20,582,884	19,241,160	56%	39%
Oversight, Accountability & Cost of Issuance	6,900,000	3,006,199	44%	699,119	1,430,693	71%	31%
Master Project	0	1,647,148		0		0%	0%
Total (CESER1)	412,300,000	332,135,000	81%	80,190,419	203,791,150	86%	69%
Fire Facility Bond Funds							
7424A Fire Boat/ Fire Station No. 35	7,192,000	7,151,723	99%	0	0	0%	0%
7433A Fire Boat/Fire Station No. 35 Slab Repair (CFCBLDFD33/3CFPSLOC)	358,000	398,299	111%	0	388,387	98%	108%
7433A Fire Boat/Fire Station No. 35 Slab Repair (CFC918 000298)	38,696	38,696	100%	0	0	0%	0%
7444A FF&E Fire Station #1 (CFCBLDFD44/3CFPSLOC)	722,000	721,977	100%	0	603,508	84%	84%
Total (CFCBLDFD)	8,310,696	8,310,695	100%	\$0	991,895	12%	12%
Public Safety Building FF&E							
7410A Public Safety Building	5,523,908	5,523,908	100%	0	0	0%	0%
Total (1GAGFACP)	5,523,908	5,523,908	100%	\$0	0	0%	0%
Combined Total (ESER+Fire Facility Funds+7410A FF&E)	426,134,604	345,969,608	81%	\$80,190,419	204,783,045	82%	67%

ACCOUNTABILITY MEASURES

The ESER Bond Program has a comprehensive series of accountability measures including public oversight and reporting by the following governing bodies:

- The Citizens' General Obligation Bond Oversight Committee (CGOBOC) which reviews audits and report on the expenditures of bond proceeds in accordance with the expressed will of the voters. The Department of Public Works (DPW) has prepared four quarterly reports thus far and has presented in front of the City's Citizen General Obligation Bond Oversight Committee (CGOBOC) twice. A program web-site, <http://sfearthquakesafety.org/>, has been developed that contains information about the Bond Program, status of each component, as well as copies of the Monthly Status Reports and the Quarterly CGOBOC Reports.
- Monthly meetings with the client departments, San Francisco Police Department and San Francisco Fire Department.
- MOUs have been drafted with each client department and are under consideration. Nonetheless, the terms and conditions are guiding the conduct of the inter-department relationships and the work.
- 60 days prior to the issuance of any portion of the bond authority, the Department of Public Works must submit a bond accountability report to the Clerk of the Board, the Controller, the Treasurer, the Director of Public Finance, and the Budget Analyst describing the current status of the Rebuild and whether it conforms to the expressed will of the voters. The report before you is intended to satisfy the reporting requirement.
- Two committees are established to review the Auxiliary Water Supply System work. These committees are the Management Oversight Committee, consisting of executive management from San Francisco Fire Department, Department of Public Works, and the San Francisco Public Utilities Commission, and the Technical Steering Committee, consisting of technical and operations managers from the same organizations.

ATTACHMENT 1 – PROGRAM BUDGET REPORT

**Earthquake Safety and
Emergency Response Bond Program**

**Accountability Report
April 16, 2014**

Earthquake Safety & Emergency Response Bond Program								
Program Budget Report - Expenditures as of 04/07/14								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
PUBLIC SAFETY BUILDING								
DESIGN	PUBLIC SAFETY BUILDING							
DEVELOPMENT	(CESER1 PS; 7400A & 7410A)	Soft Costs	47,267,544	40,368,678		35,812,185	1,672,875	2,883,618
		Construction	179,675,365	179,541,892		130,067,677	48,602,571	858,920
		FF&E	5,523,908	5,523,908		0	411,589	5,112,319
		Project Contingency	12,057,091	7,306,687		0	2,339,434	4,967,253
		Subtotal	244,523,908	232,741,165	0	165,879,862	53,026,469	13,822,110
NEIGHBORHOOD FIRE STATIONS								
VARIOUS	FOCUSED SCOPE							
	(CESER1 FS 31, 32, 34, 35, 36, 37, 39)	Soft Costs	2,938,554	2,079,388		1,817,490	30,433	231,466
	(Job Orders 7431A, 7432A, 7434A, 7435A, 7436A, 7437A, 7439A)	Construction	9,280,021	8,410,674		5,302,019	1,655,857	1,452,798
		Construction Contingency	0	933,184		0	0	933,184
		Subtotal	12,218,576	11,423,247	0	7,119,509	1,686,290	2,617,448
PLANNING	COMPREHENSIVE: STATION 44							
	(CESER1 FS38; Job Order 7438A)	Soft Costs	345,142	328,533		366,698	0	-38,165
		Construction	1,203,745	928,488		275,024	652,712	752
		Construction Contingency	18,378	174,360		0	0	174,360
		Subtotal	1,567,265	1,431,381	0	641,722	652,712	136,947
PLANNING	COMPREHENSIVE: STATION 36							
	(CESER1 FS27; Job Order 7427A)	Soft Costs	1,333,640	1,111,520		729,609	107,345	274,566
		Construction	3,193,811	3,788,898		1,044,256	2,744,126	516
		Construction Contingency	270,766	70,320		0	0	70,320
		Subtotal	4,798,218	4,970,738	0	1,773,864	2,851,471	345,402
PLANNING	SEISMIC: STATION 5 (New 2-story)							
	(CESER1 FS40; Job Order 7440A)	Soft Costs	2,641,799	360,353		398,666	17,725	-56,038
		Construction	10,313,908	0		0	0	0
		Construction Contingency	883,050	857,426		0	0	857,426
		Subtotal	13,838,757	1,217,779	0	398,666	17,725	801,388
PLANNING	SEISMIC: STATION 9 UTILITY ISOLATION							
	(CESER1 FS41; Job Order 7441A)	Soft Costs	80,000	80,000		0	0	80,000
		Construction	96,000	96,000		0	0	96,000
		Construction Contingency	24,000	24,000		0	0	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	1,802,919	1,731,183		1,205,681	215,850	309,653
		Construction	6,421,770	17,841		17,841	0	0
		Construction Contingency	616,968	0		0	0	0
		Subtotal	8,841,656	1,749,024	0	1,223,522	215,850	309,653

**Earthquake Safety and
Emergency Response Bond Program**

**Accountability Report
April 16, 2014**

Earthquake Safety & Emergency Response Bond Program Program Budget Report - Expenditures as of 04/07/14								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
PLANNING	NEW PIER FIRE BOAT HEADQUARTERS (CESER1 FS24; Job Order 7424A)	Soft Costs	4,133,301	590,288		84,890	10,000	495,398
		Construction	4,903,309	0		0		0
		Project Contingency	956,525					0
		Subtotal	9,993,136	590,288	0	84,890	10,000	495,398
PLANNING	NEW PIER FIRE BOAT HEADQUARTERS (CFCBLDFD24; Job Order 7424A) Fire Facility Bond Funds	Soft Costs	0	0		0	0	0
		Construction	7,151,723	7,151,723				7,151,723
		Project Contingency	0					0
		Subtotal	7,151,723	7,151,723	0	0	0	7,151,723
PLANNING	EQUIPMENT LOGISTICS CENTER (CESER1 FS26; Job Order 7425A)	Soft Costs	589,000	100,000		0	0	100,000
		Construction						0
		Project Contingency						0
		Subtotal	589,000	100,000	0	0	0	100,000
PLANNING	PROGRAM-WIDE SOFT COSTS & PROGRAM RESERVE (CESER1 FS20; CESER1 FS30 Job Orders 7420A; 7429A, 7430A)	Soft Costs	11,217,709	7,185,159		5,997,261	445,920	741,978
		Construction						0
		Program Reserve	775,960					0
		Subtotal	11,993,669	7,185,159	0	5,997,261	445,920	741,978
PLANNING	FIRE BOAT SLAB REPAIR (Non-ESER1 related) (CFCBLDFD33, CFC918 000298 Job Order 7433A) Fire Facility Bond Funds	Soft Costs	165,446	166,712		164,735	1,979	-2
		Construction	192,554	248,652		223,652	0	25,000
		Project Contingency	38,696	21,631				21,631
		Subtotal	396,696	436,995	0	388,387	1,979	46,629
PLANNING	FIRE STATION NO. 1 FF&E (Non-ESER1 related) (CFCBLDFD44; Job Order 7444A) Fire Facility Bond Funds	Soft Costs	207,600	208,000		114,562	0	93,438
		Construction	514,400	428,251		488,946	0	-60,695
		Project Contingency		85,726				85,726
		Subtotal	722,000	721,977	0	603,508	0	118,469
PLANNING	NEIGHBORHOOD FIRE STATIONS SUMMARY (CESER1 FS)	Soft Costs	25,455,111	13,941,136	0	10,879,592	829,252	2,232,293
		Construction	43,271,242	21,070,527	0	7,351,738	5,052,695	8,666,094
		Project Contingency	3,584,342	2,166,647	0	0	0	2,166,647
		Subtotal	72,310,696⁽⁴⁾	37,178,310	0	18,231,330	5,881,947	13,065,034

Earthquake Safety & Emergency Response Bond Program								
Program Budget Report - Expenditures as of 04/07/14								
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	1,316,992		1,316,992 ^(1a)	0	0
		Construction	0	0		0		0
		Project Contingency						0
		Subtotal	1,316,963	1,316,992	0	1,316,992	0	0
AUXILIARY WATER SUPPLY SYSTEM (AWSS)								
Design	Jones Street Tank							
		Soft Costs	3,522,613	2,444,136		1,418,389	28,804	996,943
		Construction	4,225,034	4,225,034		66,945	4,158,089	0
		Project Contingency	343,853					0
		Subtotal	8,091,500	6,669,170	0	1,485,334	4,186,893	996,943
Design	Ashbury Heights Tank							
		Soft Costs	1,599,739	1,404,889		1,088,966	59,490	256,433
		Construction	3,610,805	3,610,805		171,944	3,438,861	0
		Project Contingency	271,247					0
		Subtotal	5,481,791	5,015,694	0	1,260,910	3,498,351	256,433
Design	Twin Peaks Reservoir							
		Soft Costs	1,305,819	1,291,774		1,091,003	11,710	189,061
		Construction	1,480,061	1,480,061		66,945	1,413,116	0
		Project Contingency	119,571					0
		Subtotal	2,905,451	2,771,835	0	1,157,948	1,424,826	189,061
PLANNING	Pump Station No. 2							
		Soft Costs	2,510,082	2,026,044		1,662,000	215,547	148,497
		Construction	4,501,780	0		0	0	0
		Project Contingency						0
		Subtotal	7,011,862	2,026,044	0	1,662,000	215,547	148,497
Design	Pump Station No. 1							
		Soft Costs	3,453,628	3,020,401		2,103,877	128,504	788,020
		Construction	7,000,000	9,000,000				9,000,000
		Project Contingency						0
		Subtotal	10,453,628	12,020,401	0	2,103,877	128,504	9,788,020

Earthquake Safety & Emergency Response Bond Program								
Program Budget Report - Expenditures as of 04/07/14								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
	FIREFIGHTING CISTERNS							
Design	Contract No. 1	Soft Costs	508,350	508,350		507,834	517	-1
		Construction	0	0		0	0	0
		Project Contingency						0
		Subtotal	508,350	508,350	0	507,834	517	-1
Design	Contract No. 2	Soft Costs	8,563,894	4,389,956		3,258,686	368,947	762,323
		Construction	25,975,051	17,000,000		2,810,692	10,381,828	3,807,480
		Project Contingency						0
		Subtotal	34,538,945	21,389,956	0	6,069,378	10,750,775	4,569,803
Design	Contract No. 3	Soft Costs	51,047	51,047		50,529	518	0
		Construction	0	0		0	0	0
		Project Contingency						0
		Subtotal	51,047	51,047	0	50,529	518	0
Design	Contract No. 4	Soft Costs	124,402	124,402		123,942	460	0
		Construction	0	0		0	0	0
		Project Contingency						0
		Subtotal	124,402	124,402	0	123,942	460	0

Earthquake Safety & Emergency Response Bond Program Program Budget Report - Expenditures as of 04/07/14								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
PRE-DESIGN	FIREFIGHTING PIPES AND TUNNELS AWSS Modernization CIP Study	Soft Costs	2,971,152	2,971,152		2,590,830	264,807	115,515
		Construction	0	0		0	0	0
		Project Contingency	28,848					0
		Subtotal	3,000,000	2,971,152	0	2,590,830	264,807	115,515
PLANNING	Pipes/Tunnels (Projects 11 thru 19)	Soft Costs	6,340,775	2,437,543		703,453	111,686	1,622,404
		Construction	22,275,000	194,477		179,477	0	15,000
		Project Contingency						0
		Subtotal	28,615,775	2,632,020	0	882,930	111,686	1,637,404
PLANNING	Contract No. 2 Added to baseline budget above-->	Soft Costs		0		0	0	0
		Construction						0
		Project Contingency						0
		Subtotal	0	0	0	0	0	0
PLANNING	Contract No. 3 Added to baseline budget above-->	Soft Costs		0		0	0	0
		Construction						0
		Project Contingency						0
		Subtotal	0	0	0	0	0	0
PLANNING	CUW AWS 01	Soft Costs	300,286	3,899,716	0	28,656	0	3,871,060
		Construction	0	10,000,000				10,000,000
		Project Contingency						0
		Subtotal	300,286	13,899,716	0	28,656	0	13,871,060
AUXILIARY WATER SUPPLY SYSTEM (AWSS)		Soft Costs	32,568,750	25,886,402	0	15,945,157	1,190,990	8,750,255
		Construction	69,067,731	45,510,377	0	3,296,003	19,391,894	22,822,480
		Project Contingency	763,519	0	0	0	0	0
		Subtotal	102,400,000	71,396,779	0	19,241,160⁽¹⁾	20,582,884	31,572,735

**Earthquake Safety and
Emergency Response Bond Program**

ATTACHMENT 2 – CONTACT INFORMATION

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